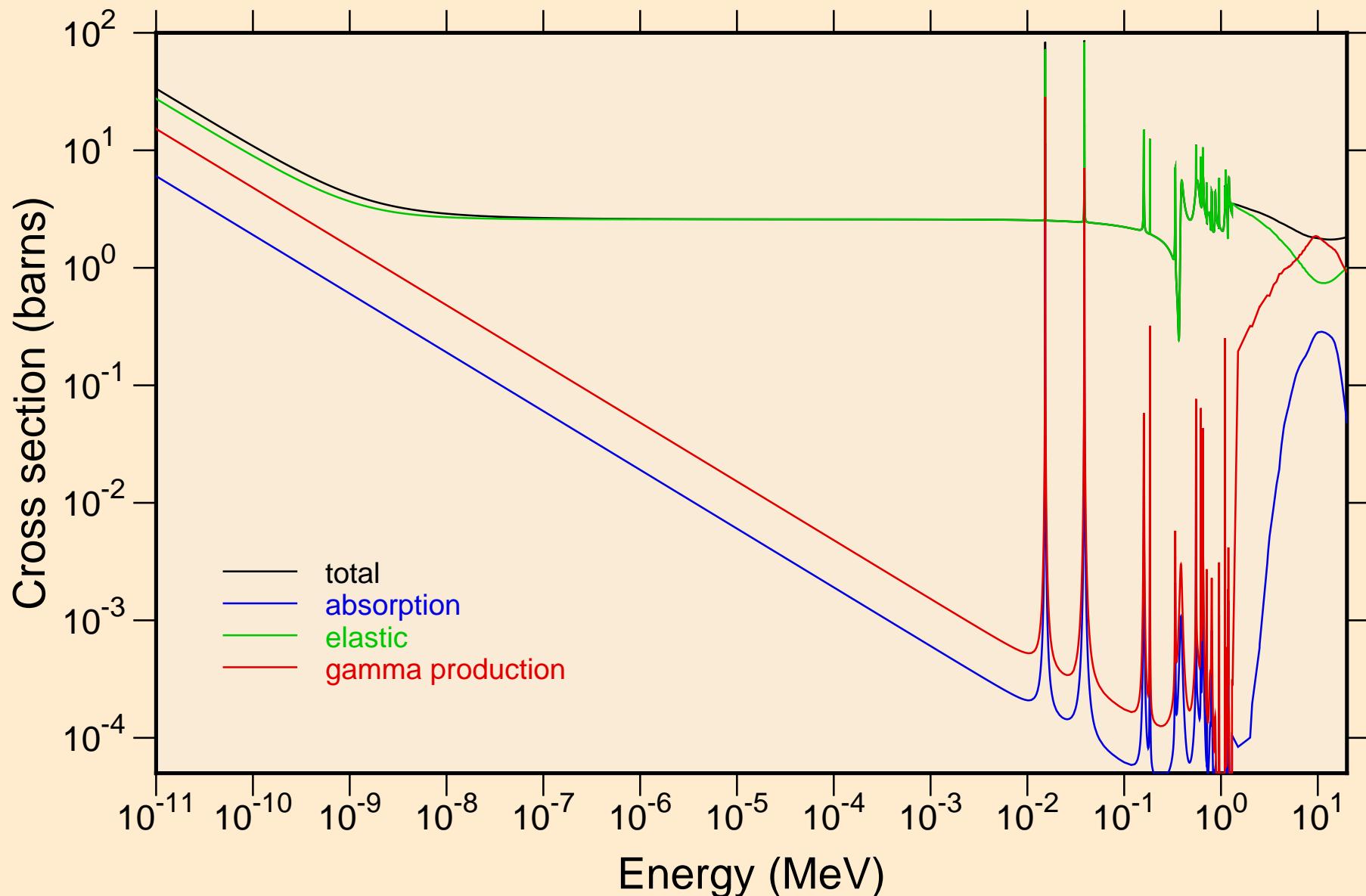
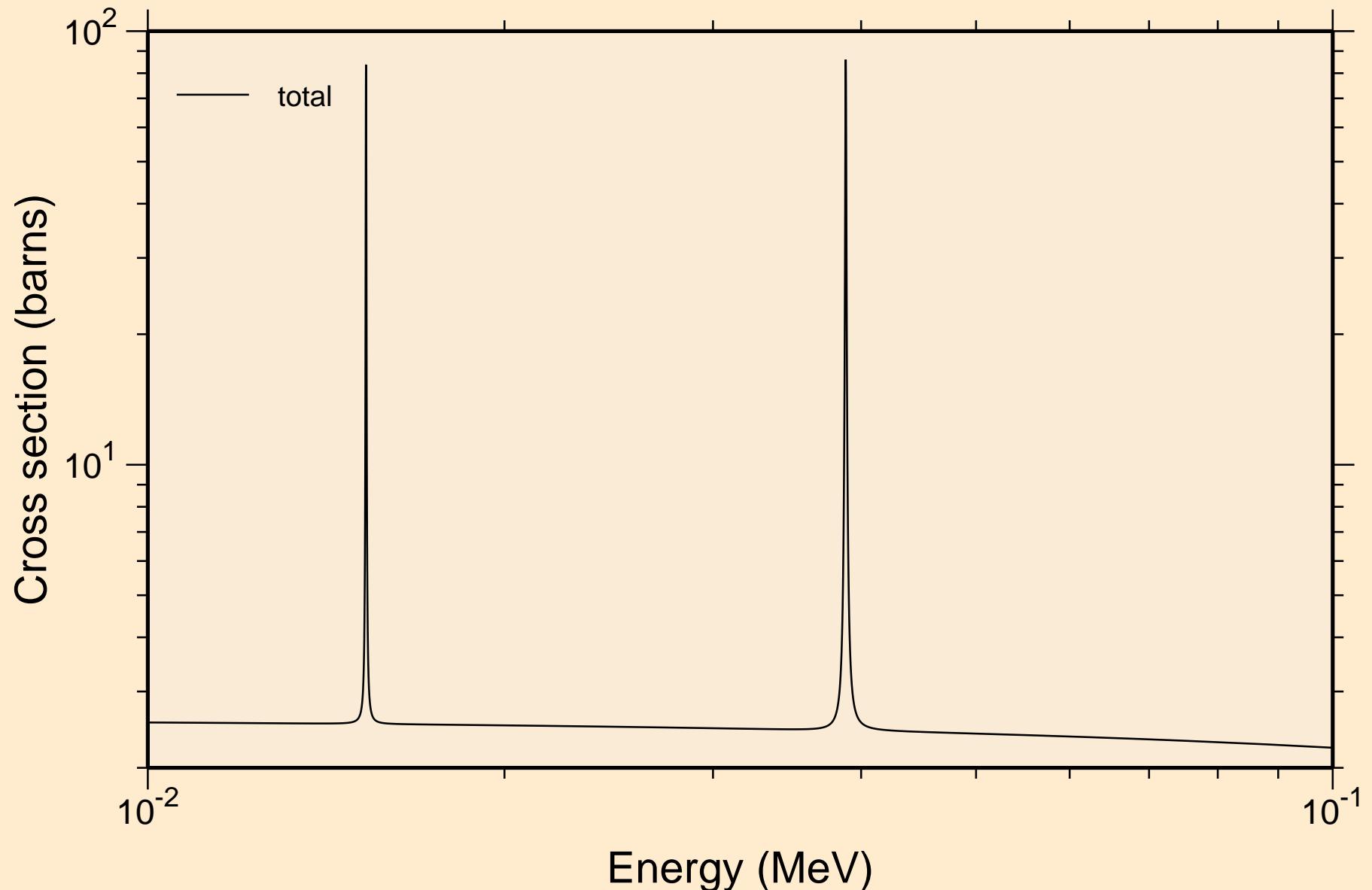


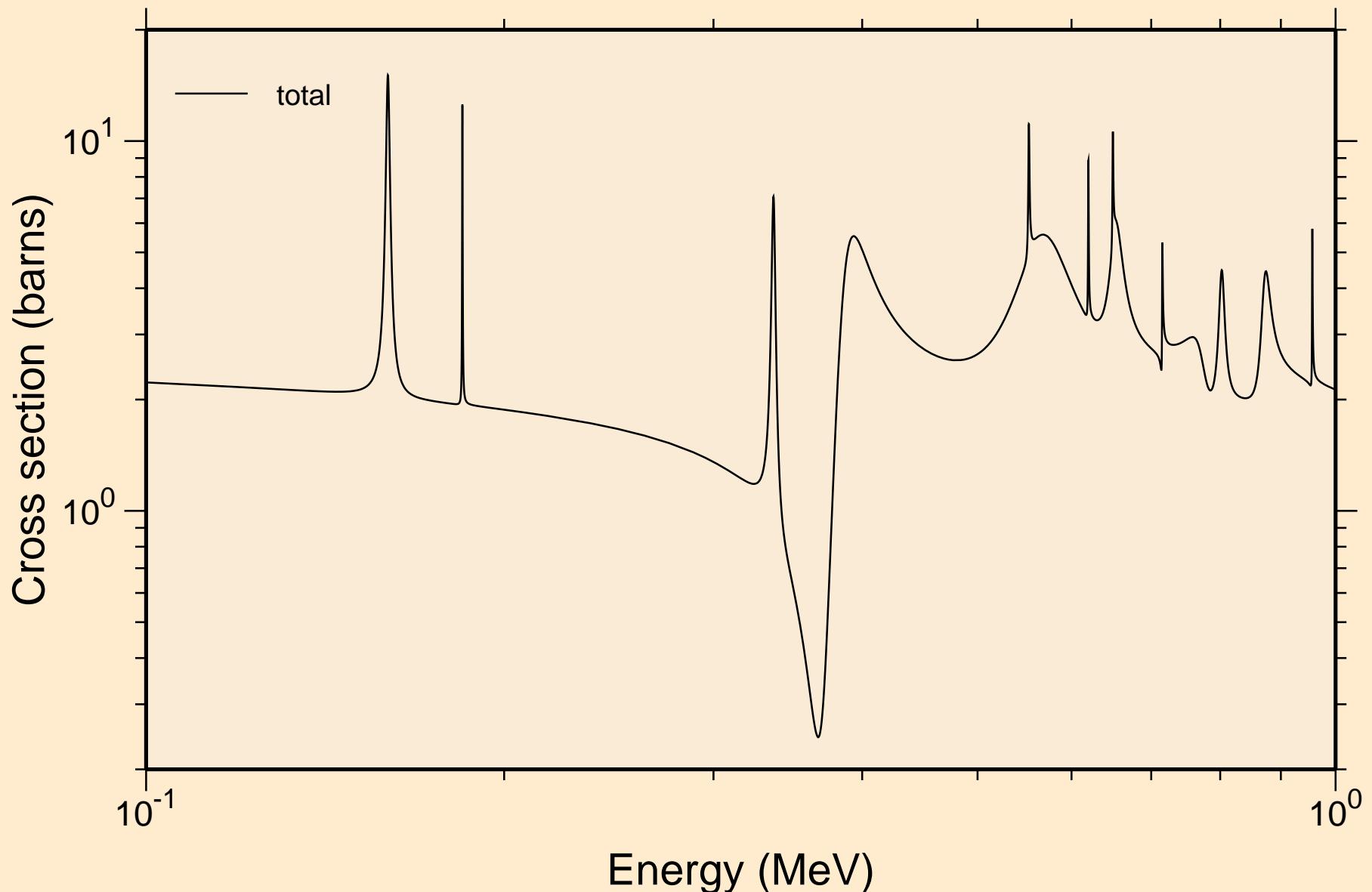
JENDL-4 SI-29  
Principal cross sections



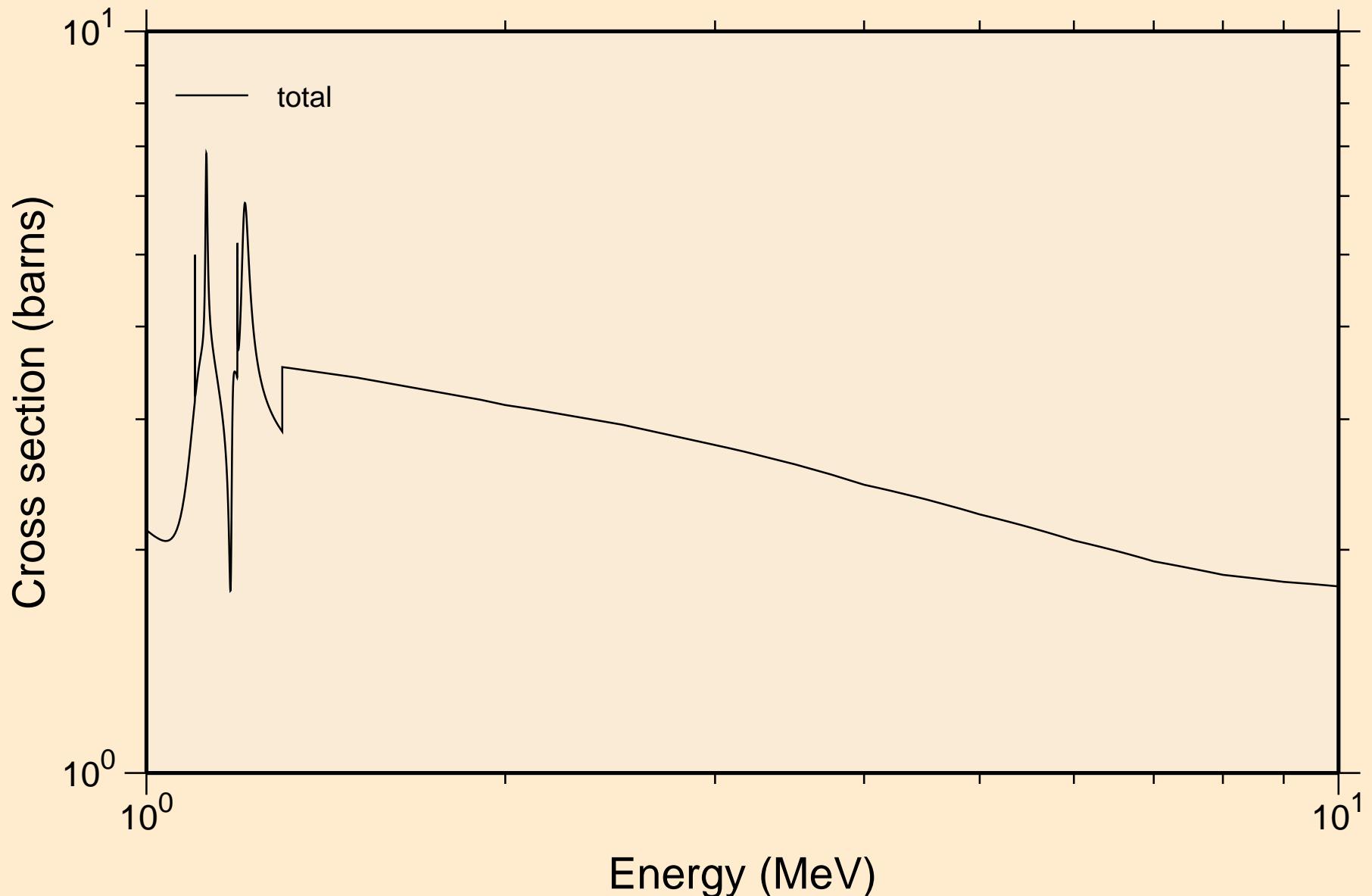
JENDL-4 SI-29  
resonance total cross section



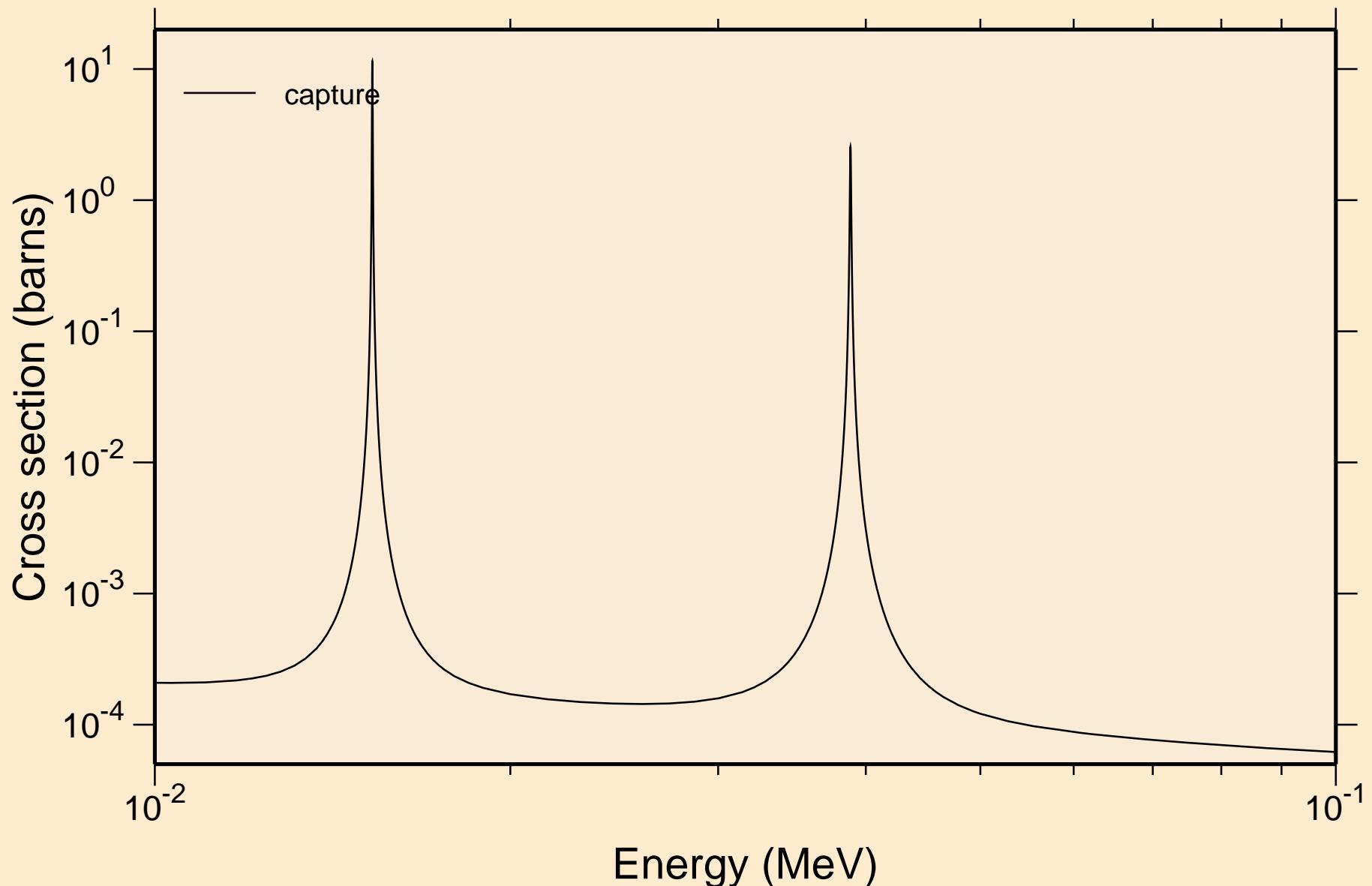
JENDL-4 SI-29  
resonance total cross section



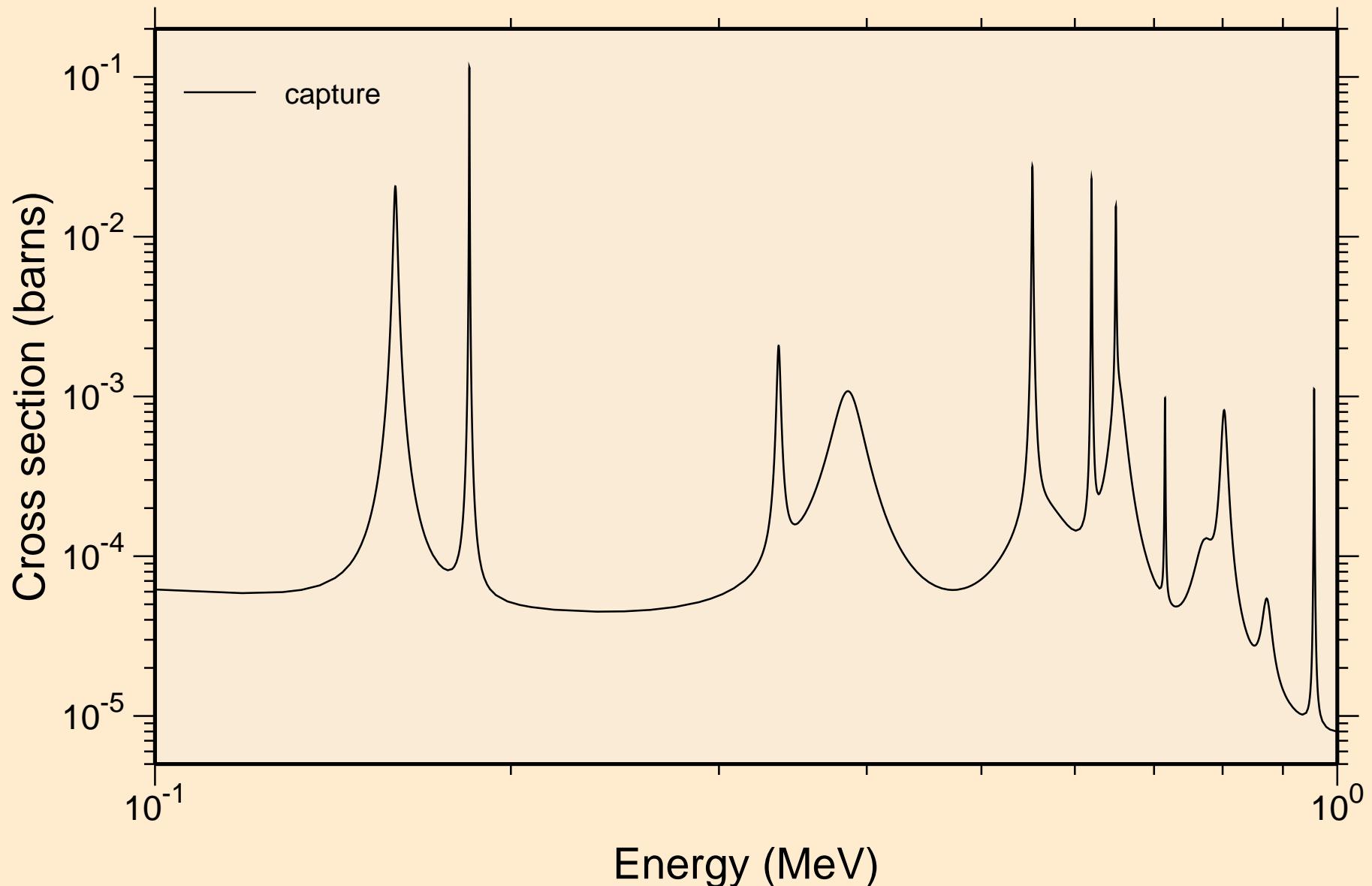
JENDL-4 SI-29  
resonance total cross section



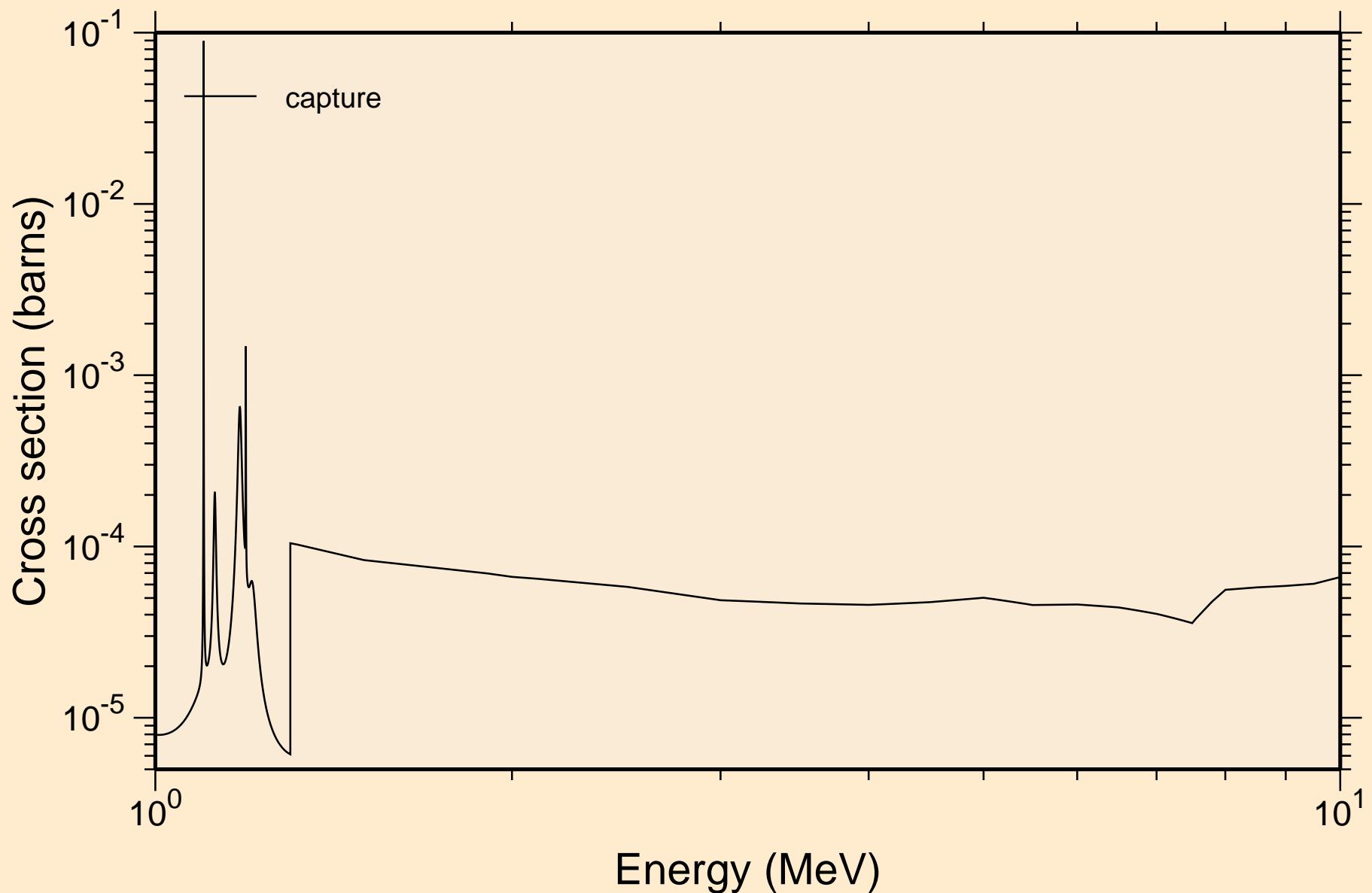
JENDL-4 SI-29  
resonance absorption cross sections



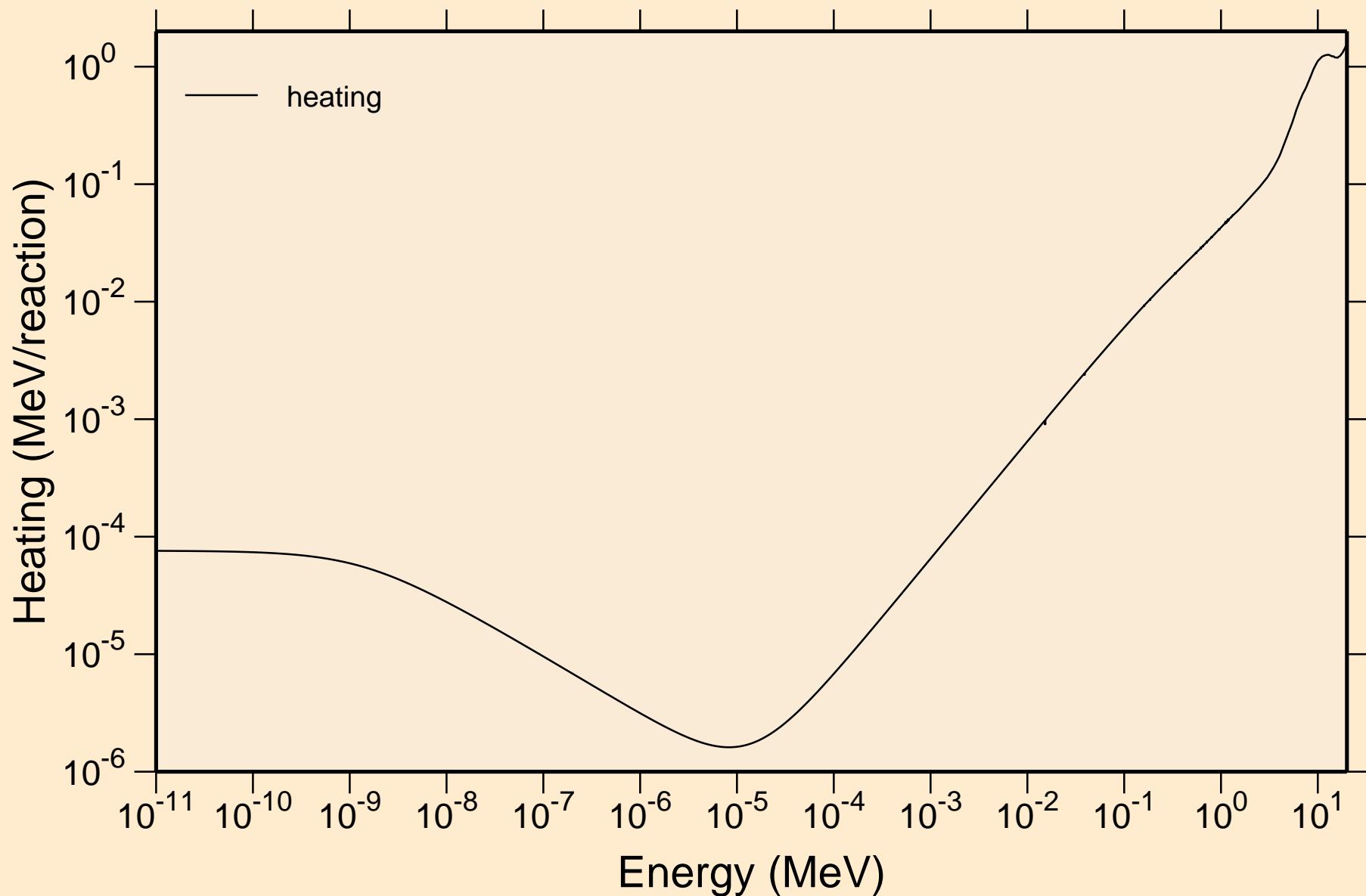
JENDL-4 SI-29  
resonance absorption cross sections



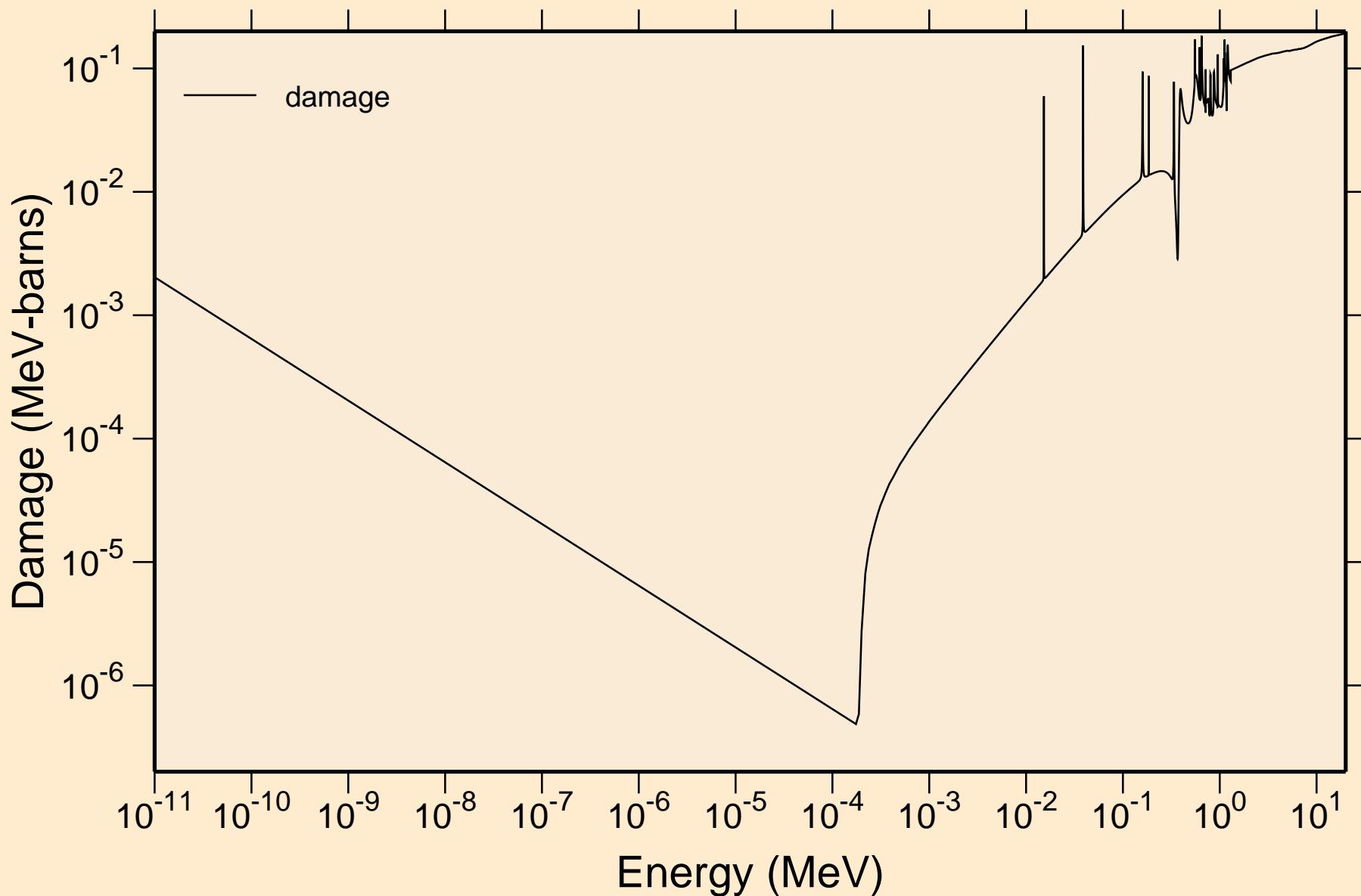
JENDL-4 SI-29  
resonance absorption cross sections



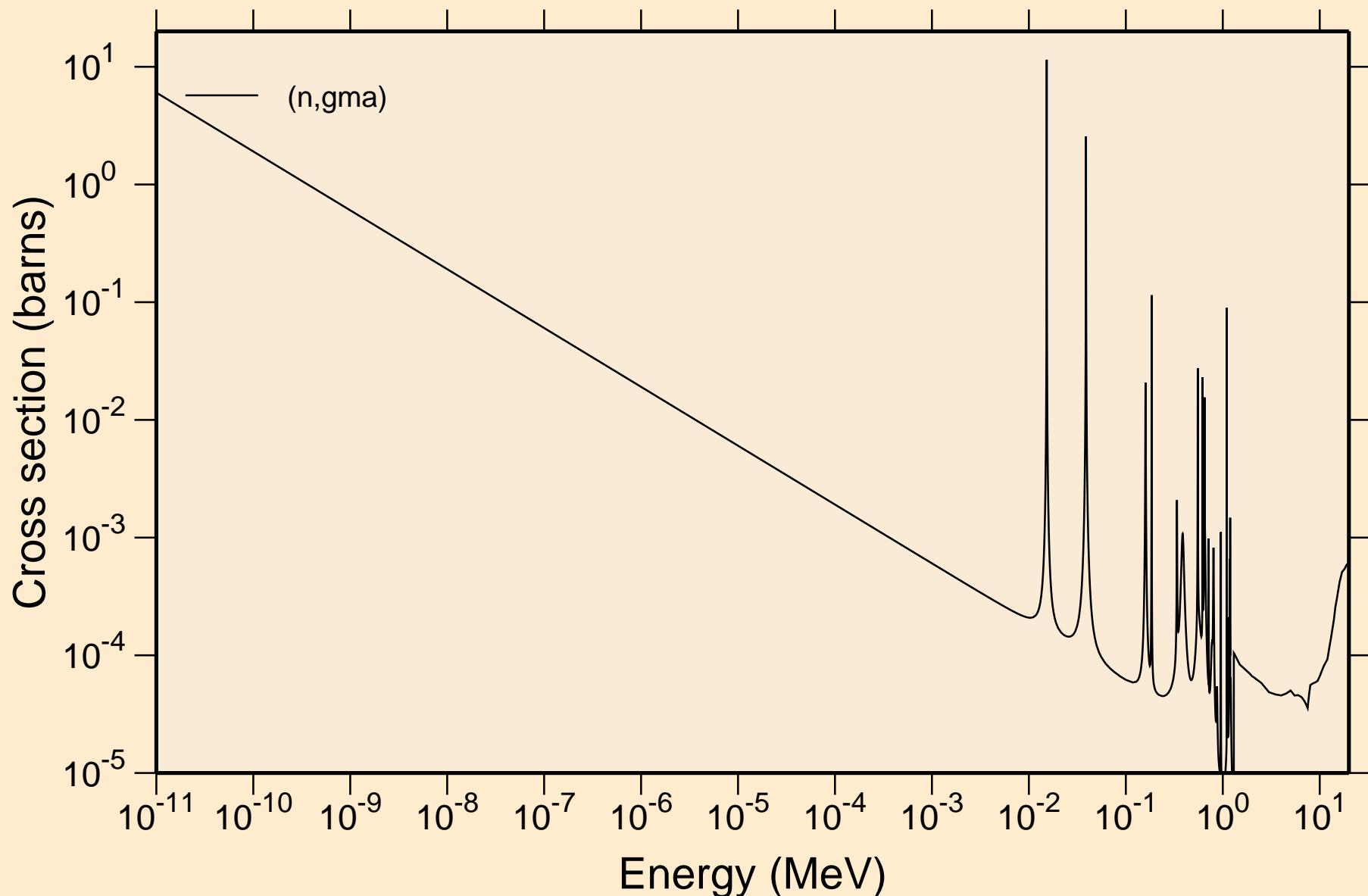
JENDL-4 SI-29  
Heating



JENDL-4 SI-29  
Damage

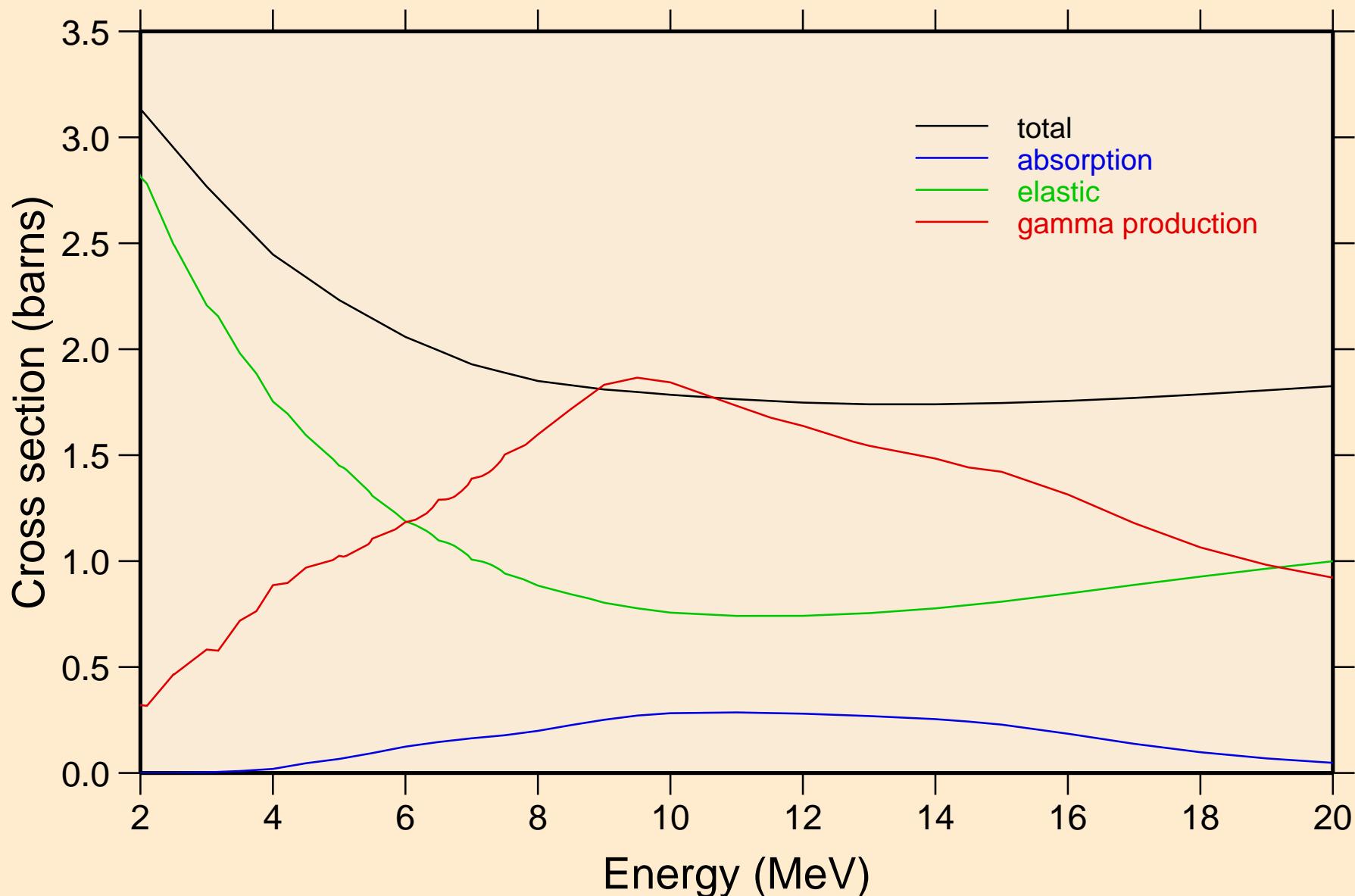


JENDL-4 SI-29  
Non-threshold reactions

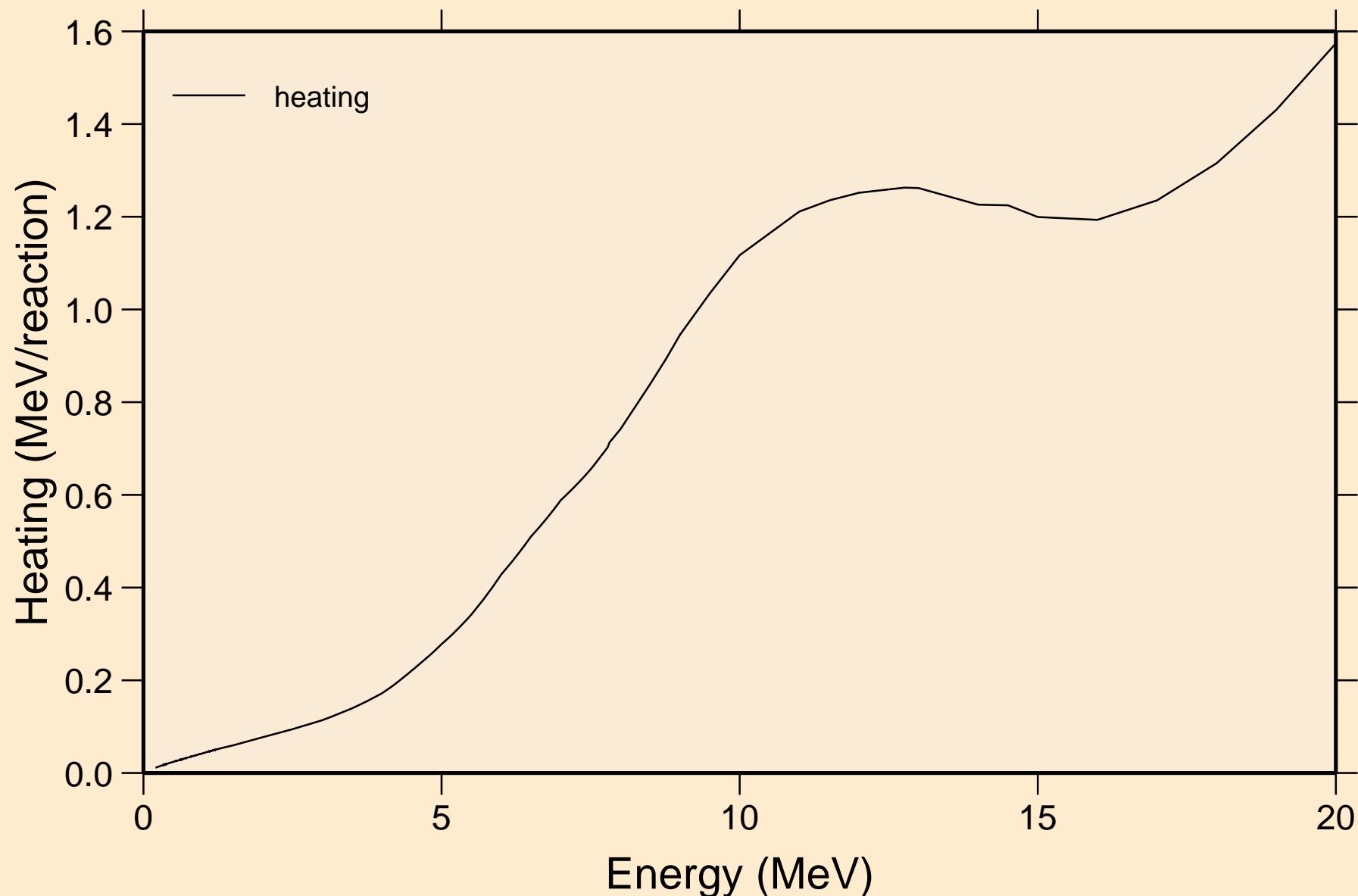


# JENDL-4 SI-29

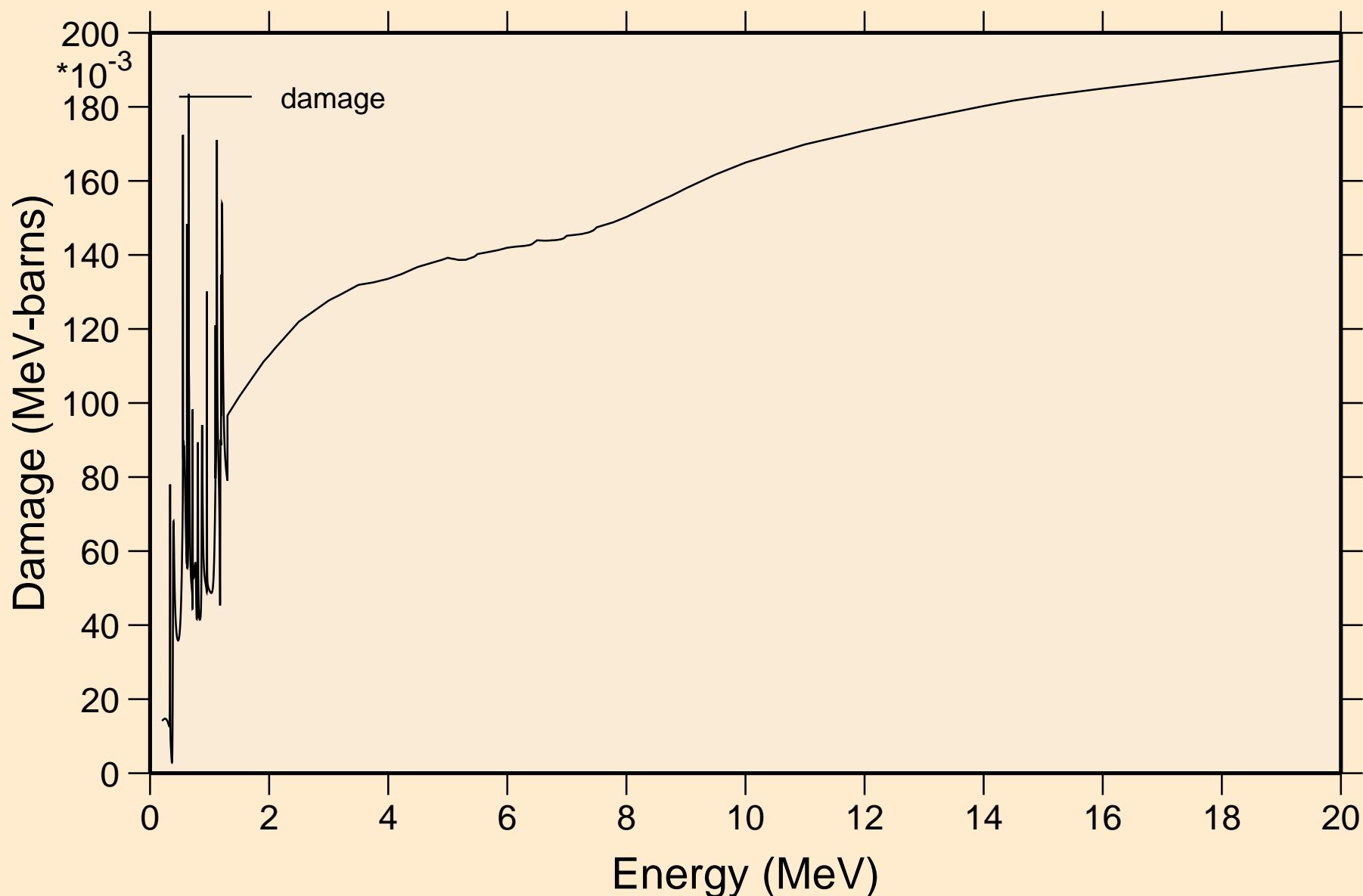
## Principal cross sections



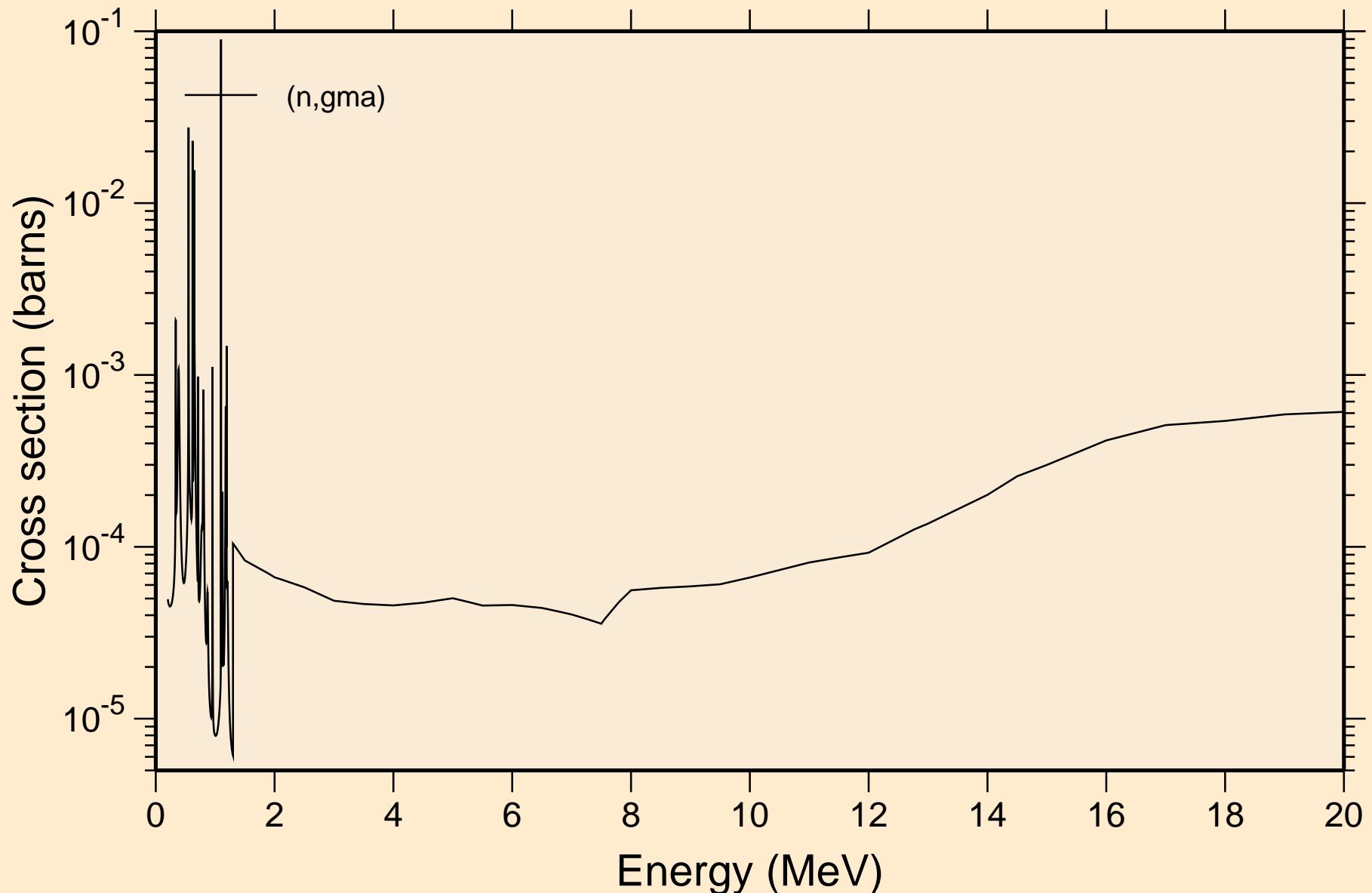
JENDL-4 SI-29  
Heating



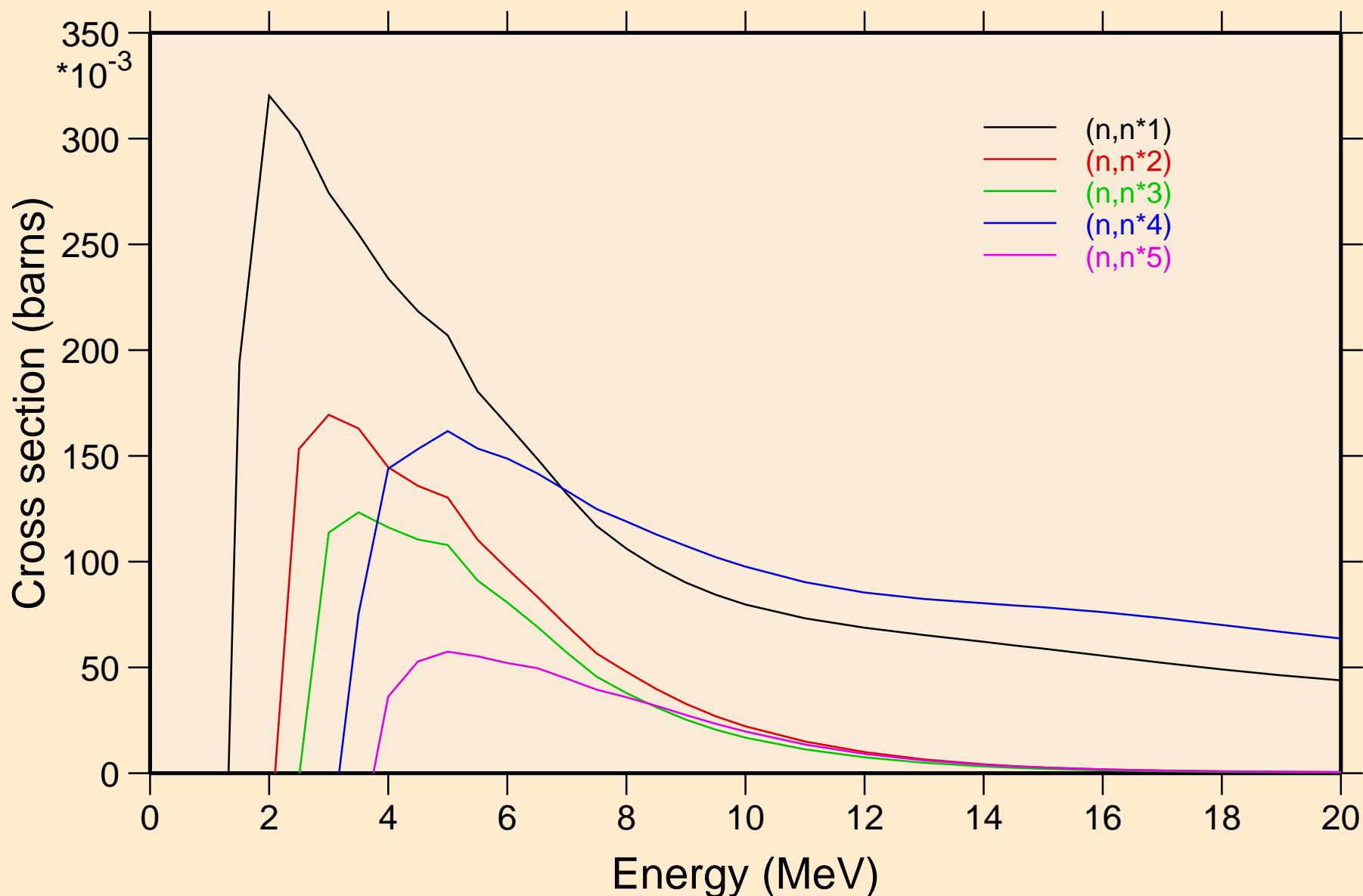
JENDL-4 SI-29  
Damage



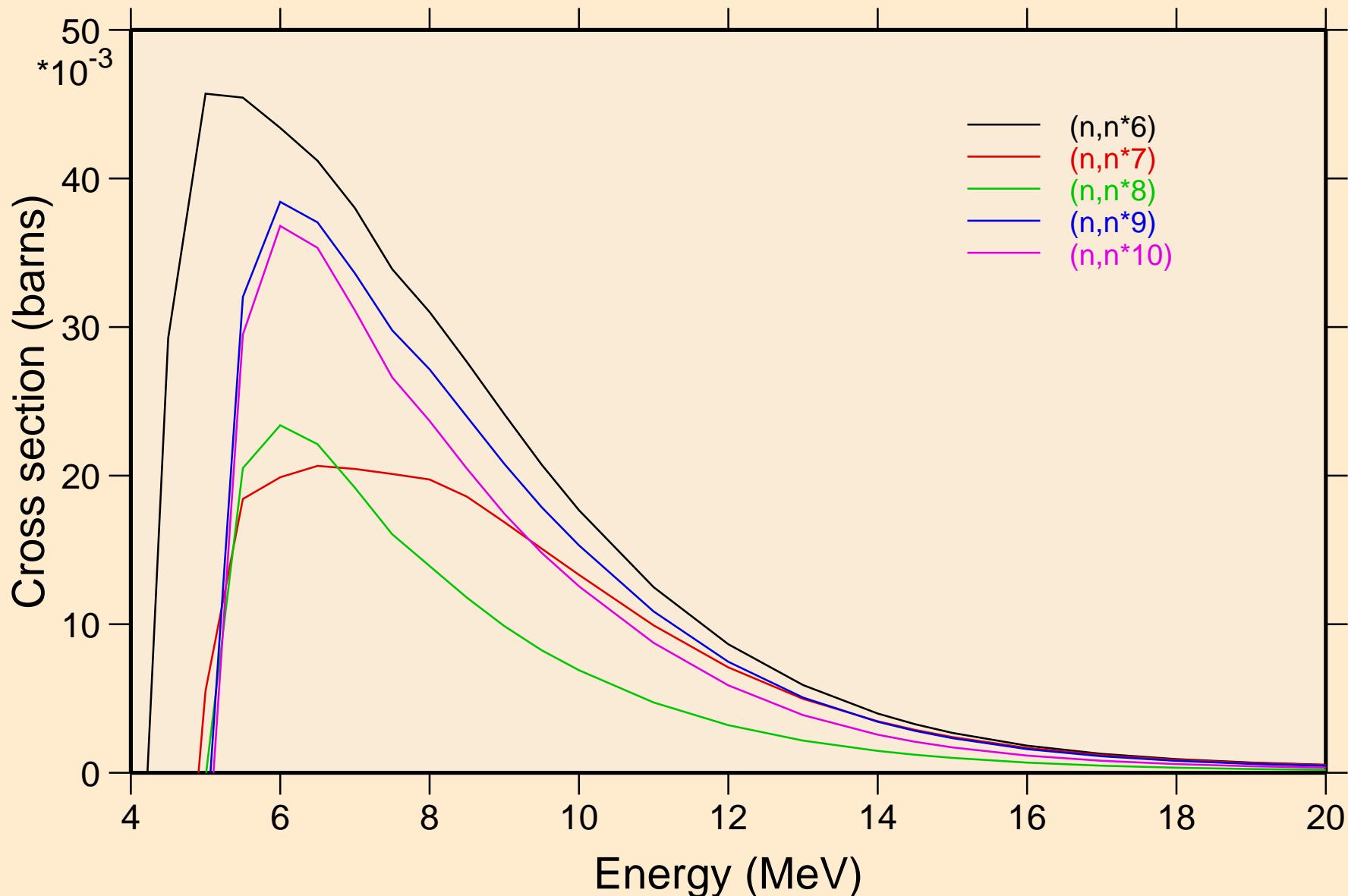
JENDL-4 SI-29  
Non-threshold reactions



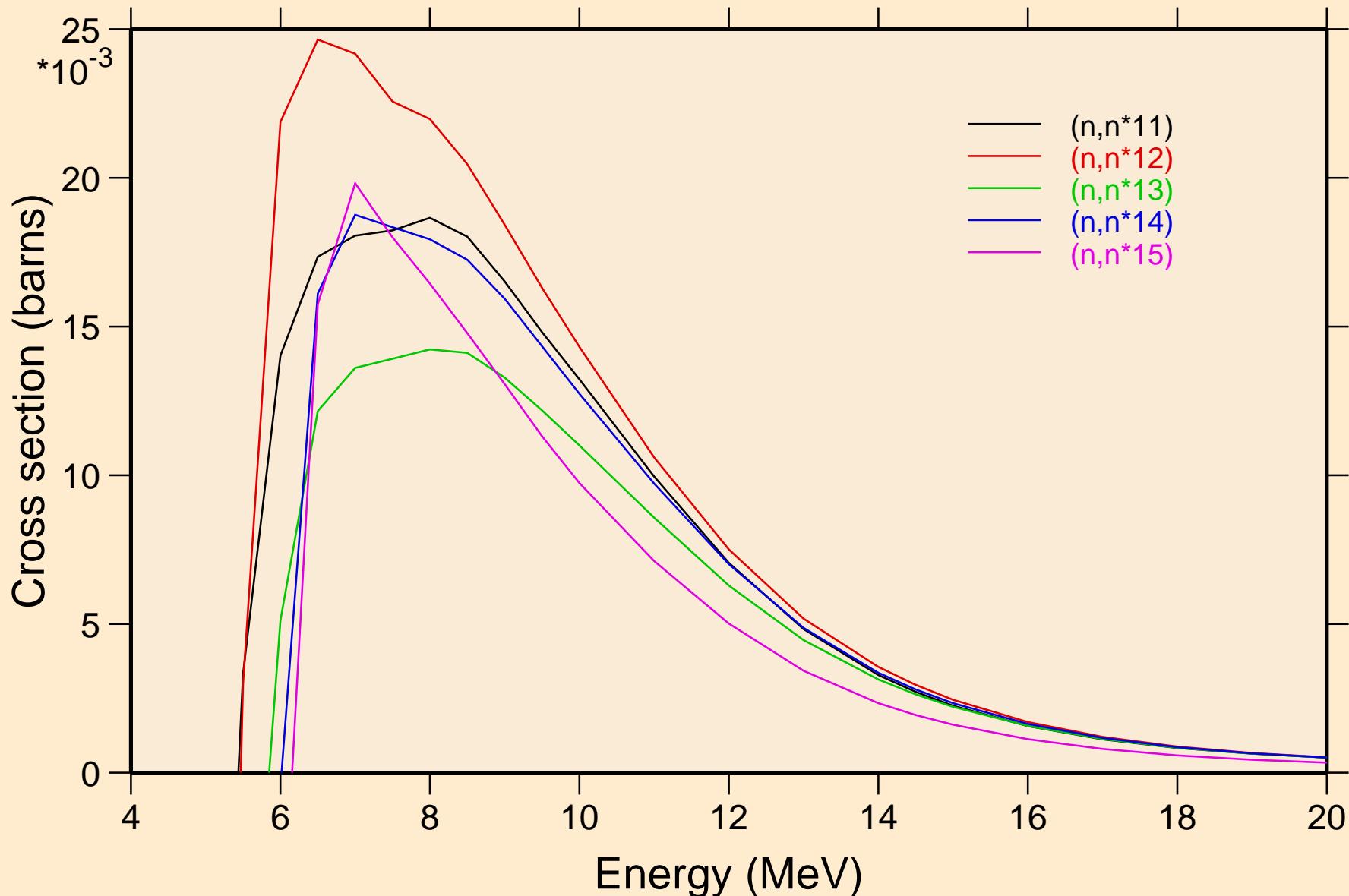
JENDL-4 SI-29  
Inelastic levels



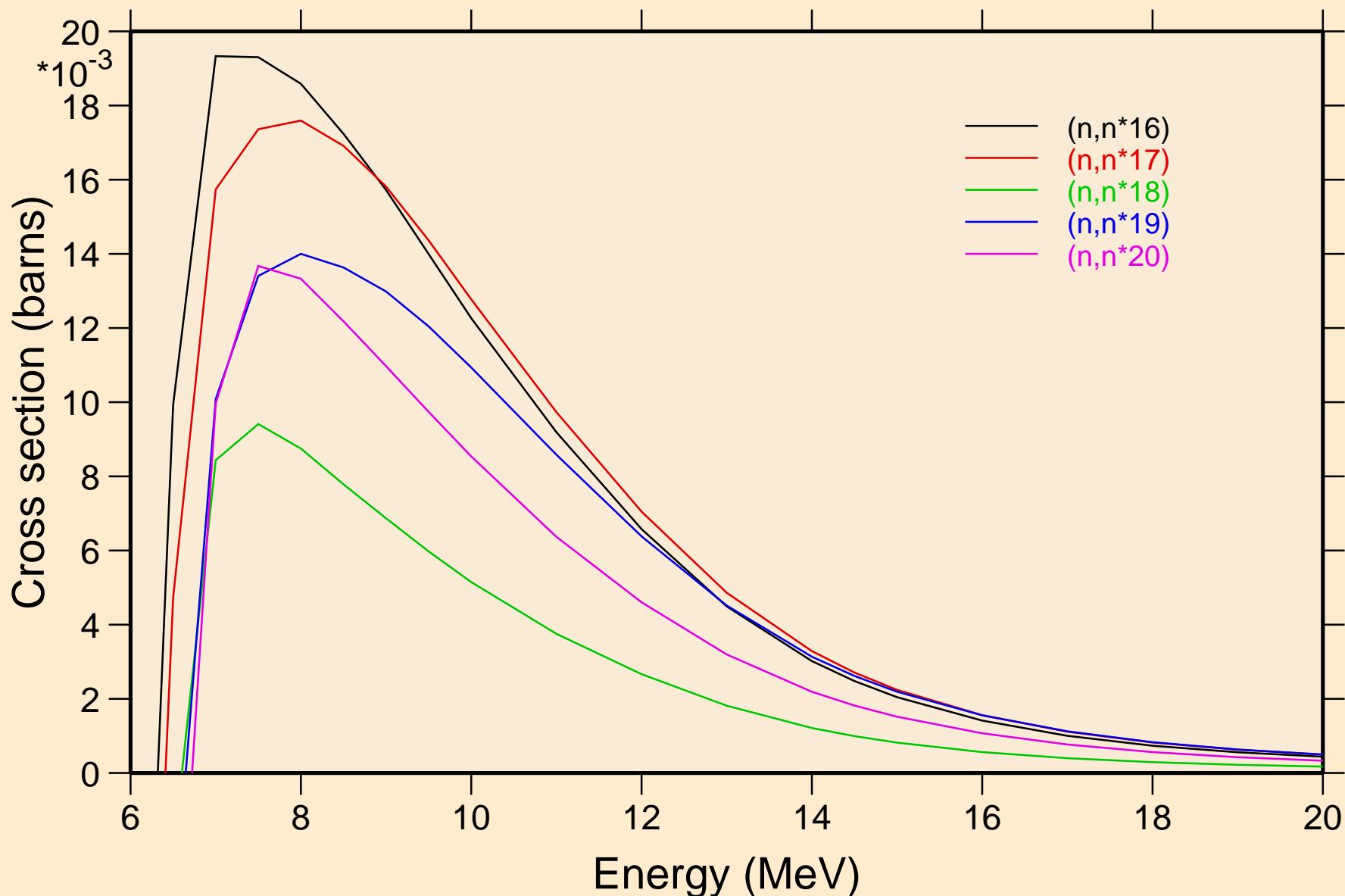
JENDL-4 SI-29  
Inelastic levels



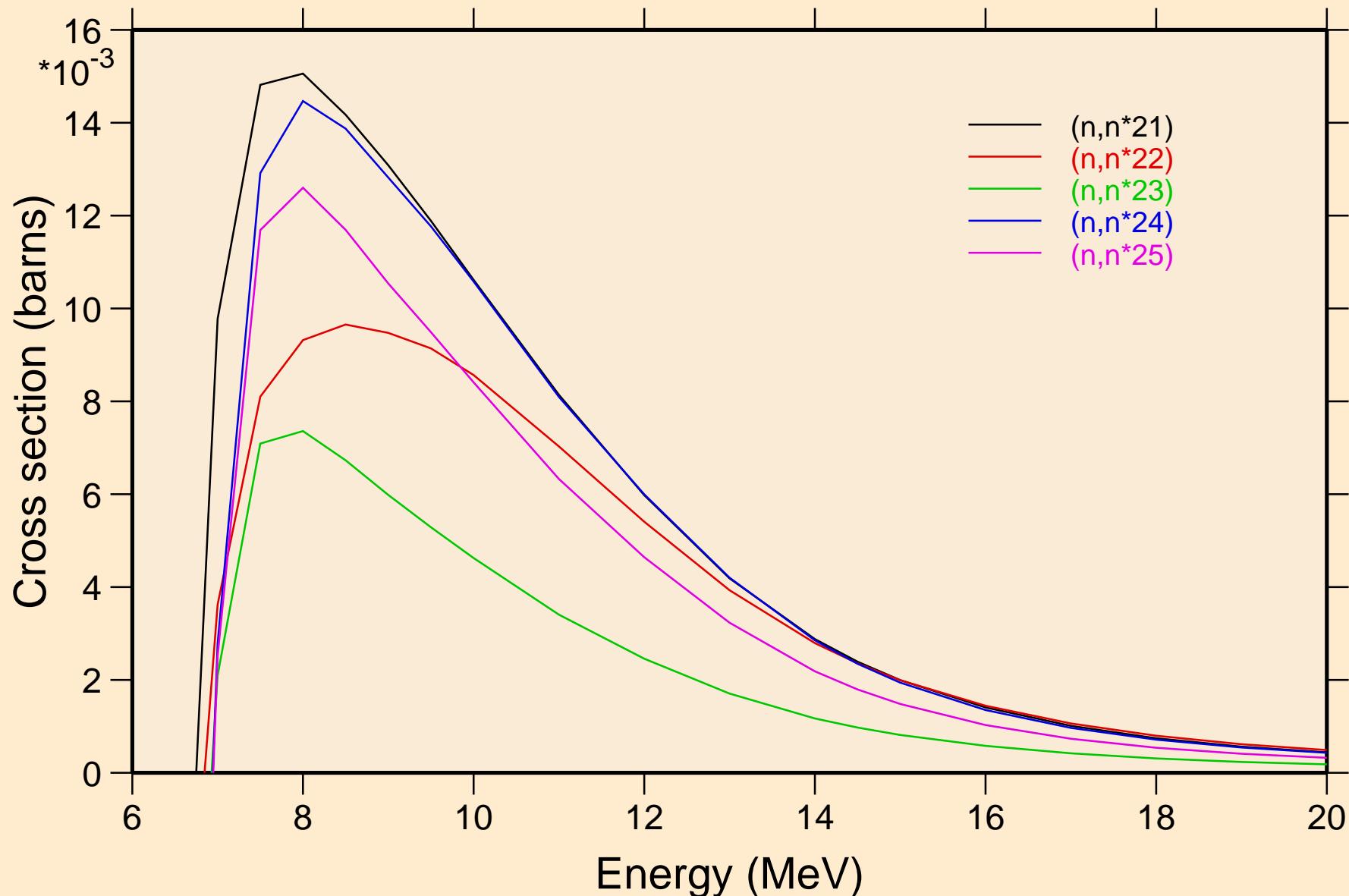
JENDL-4 SI-29  
Inelastic levels



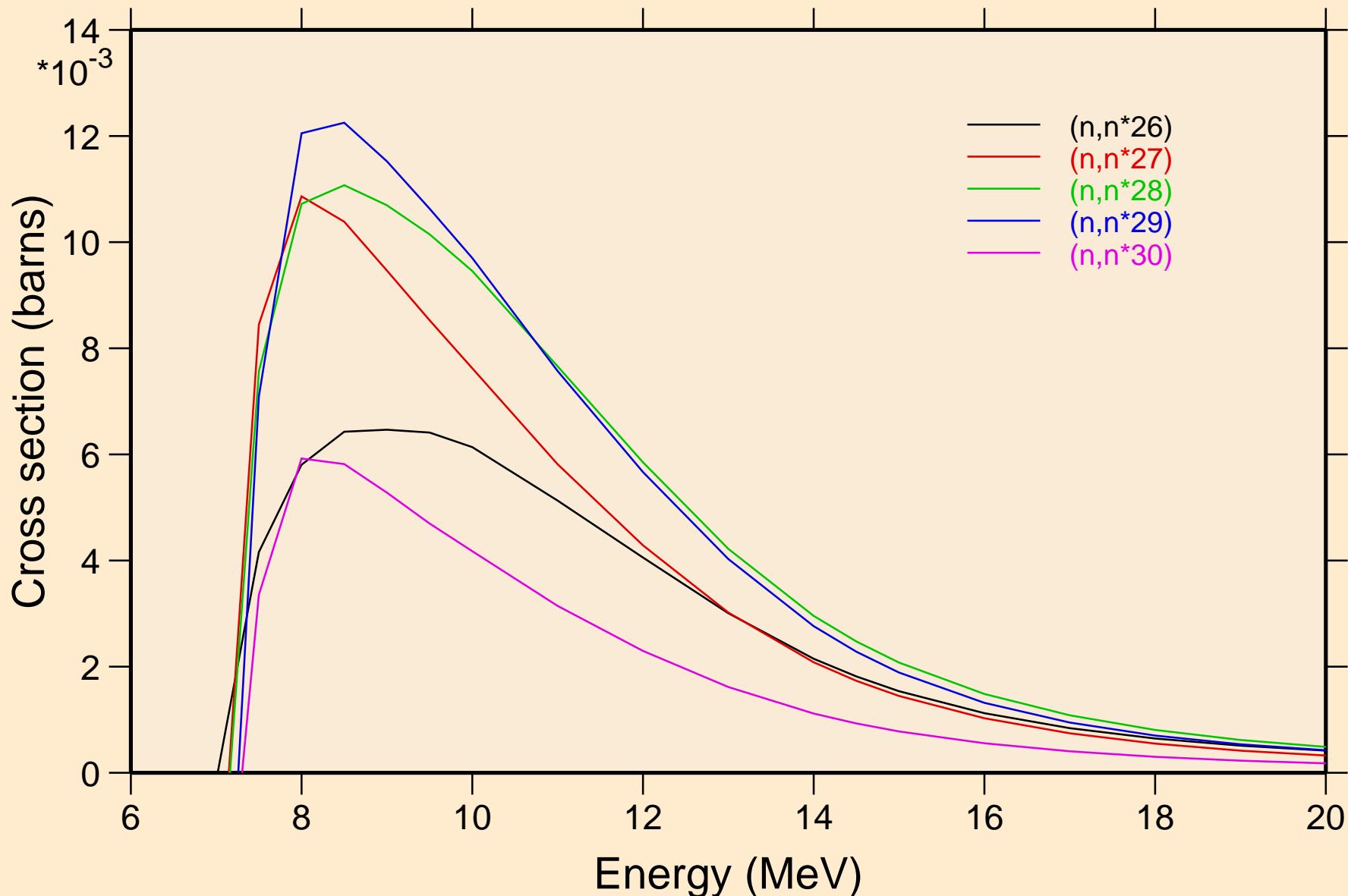
JENDL-4 SI-29  
Inelastic levels



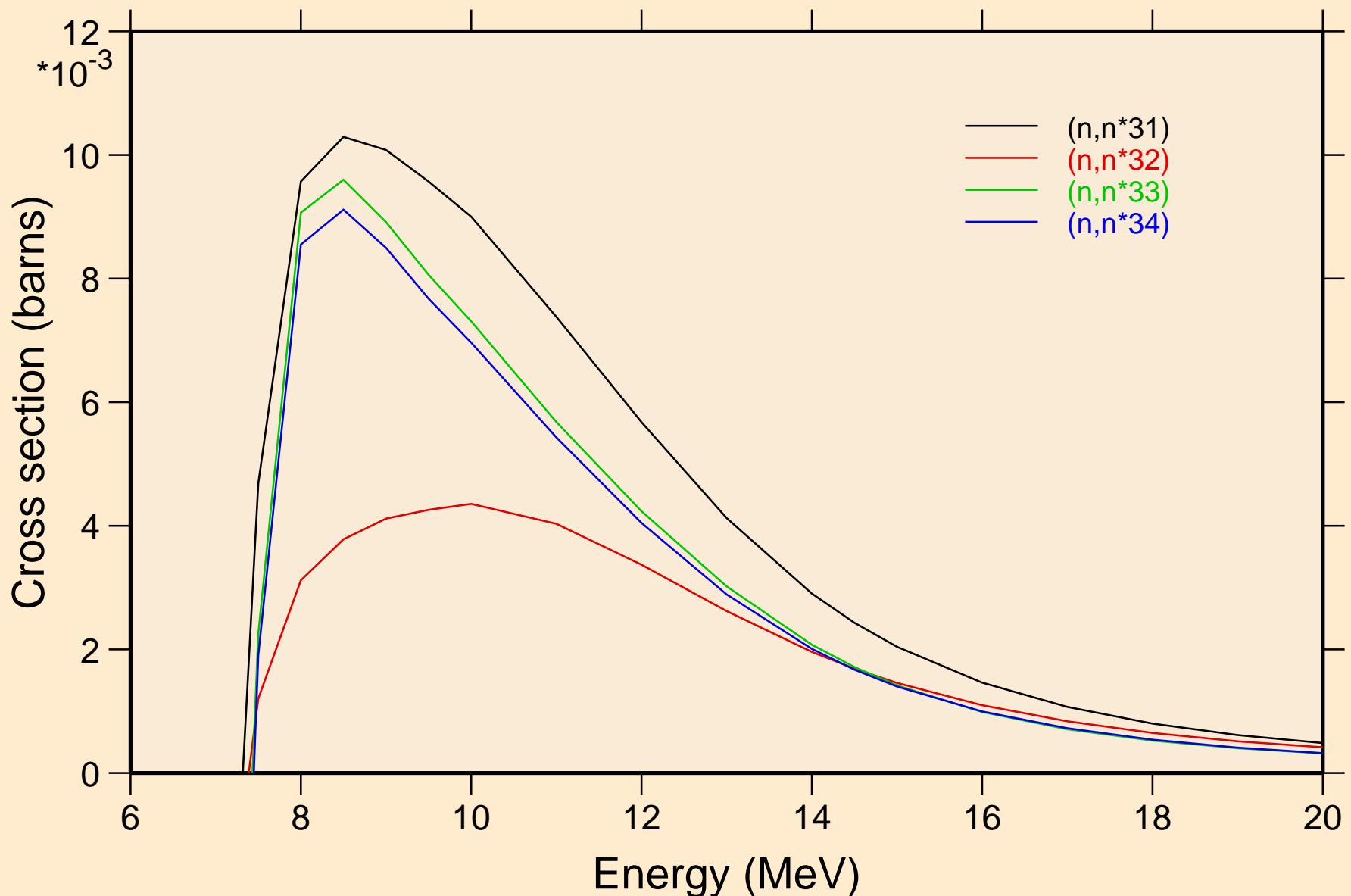
JENDL-4 SI-29  
Inelastic levels



JENDL-4 SI-29  
Inelastic levels

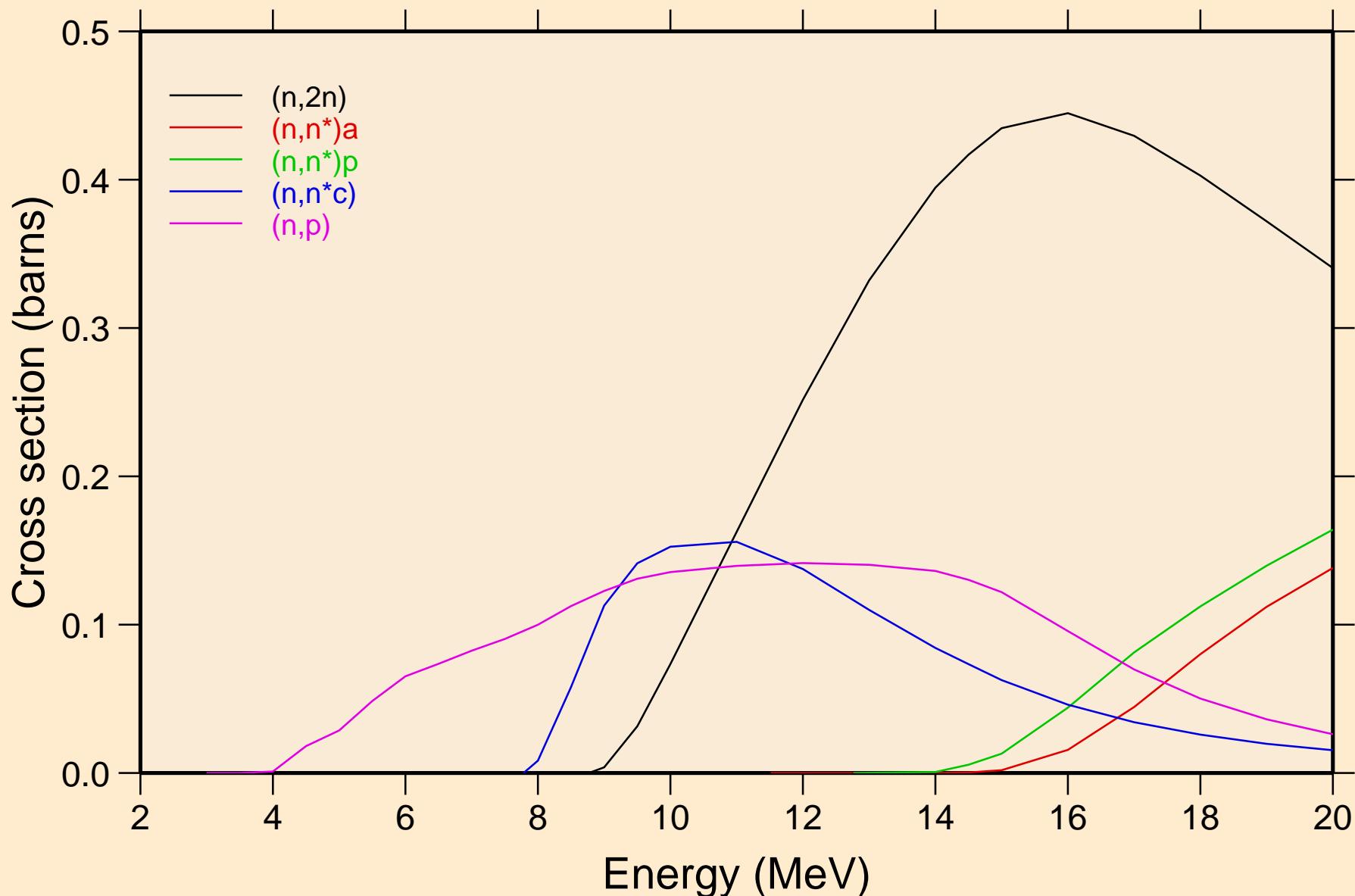


JENDL-4 SI-29  
Inelastic levels

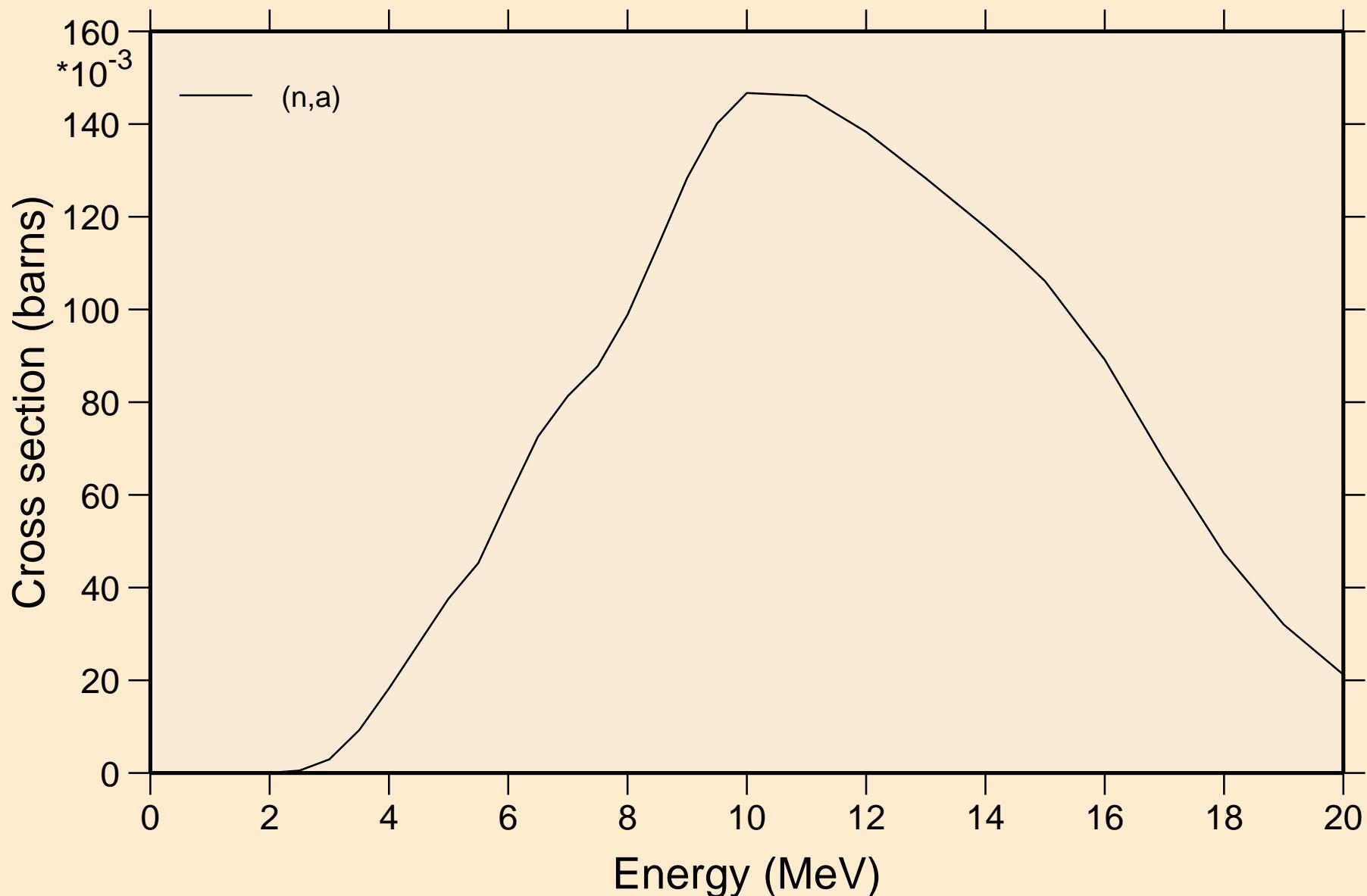


# JENDL-4 SI-29

## Threshold reactions

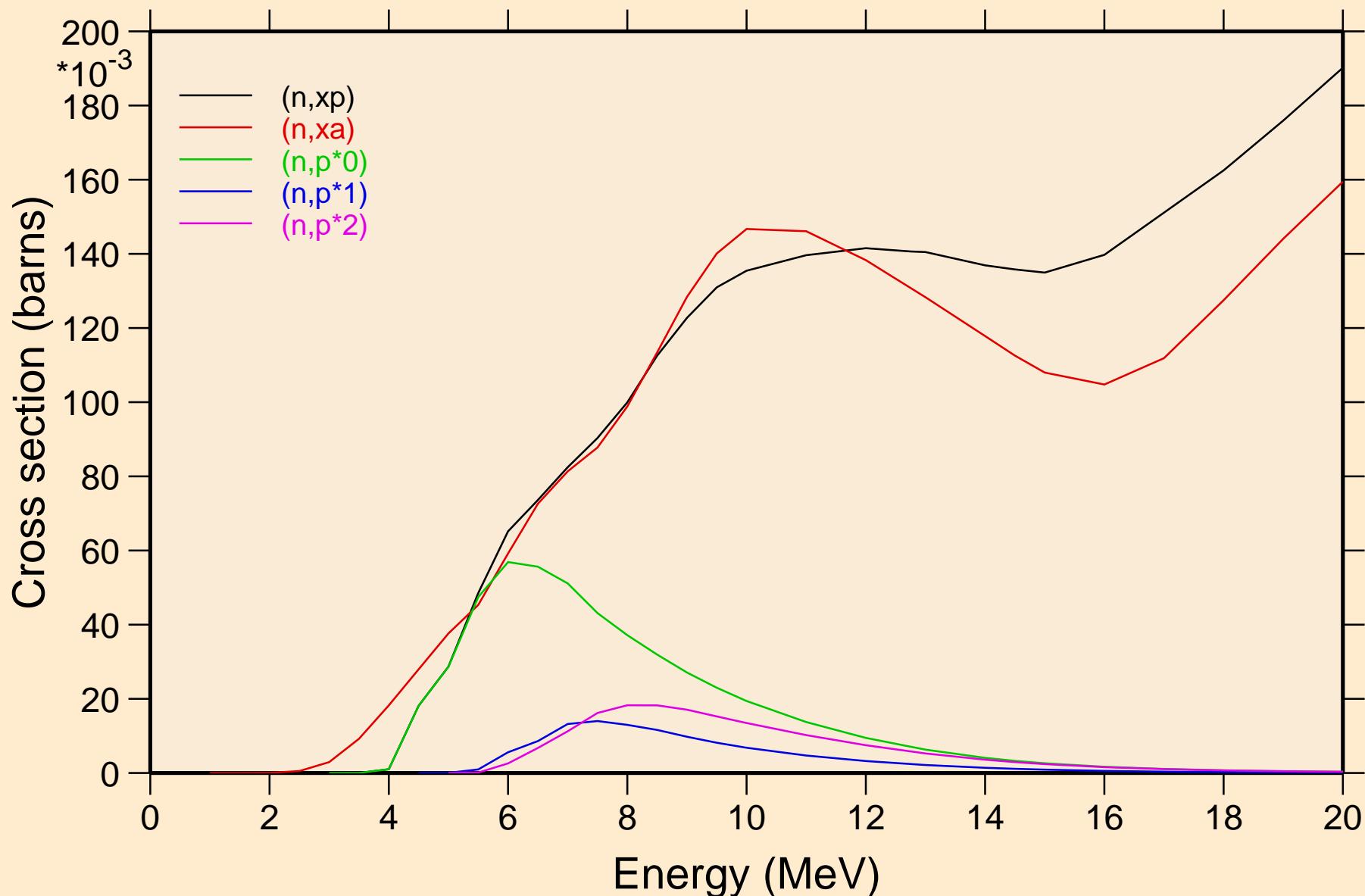


JENDL-4 SI-29  
Threshold reactions



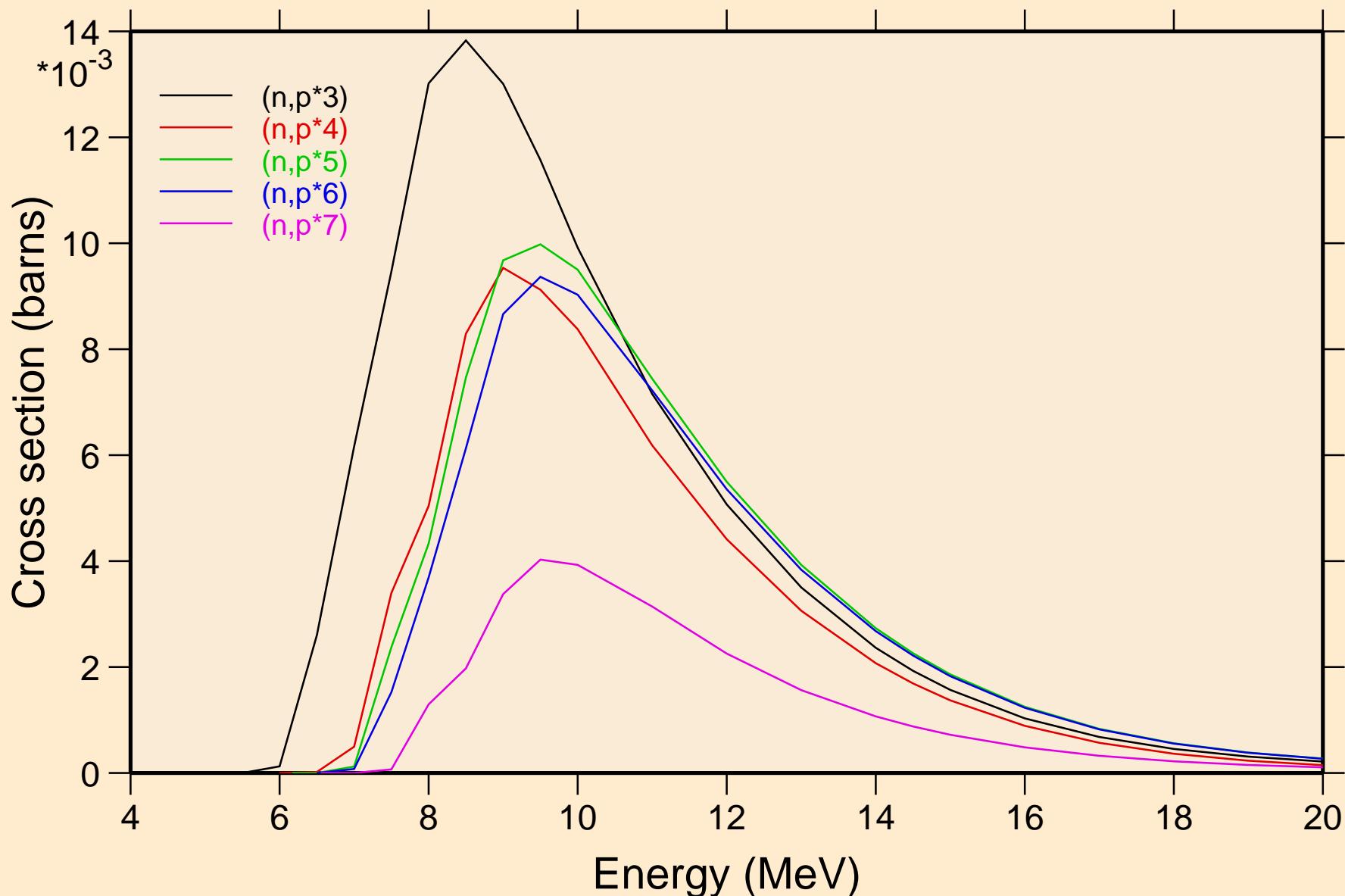
# JENDL-4 SI-29

## Threshold reactions



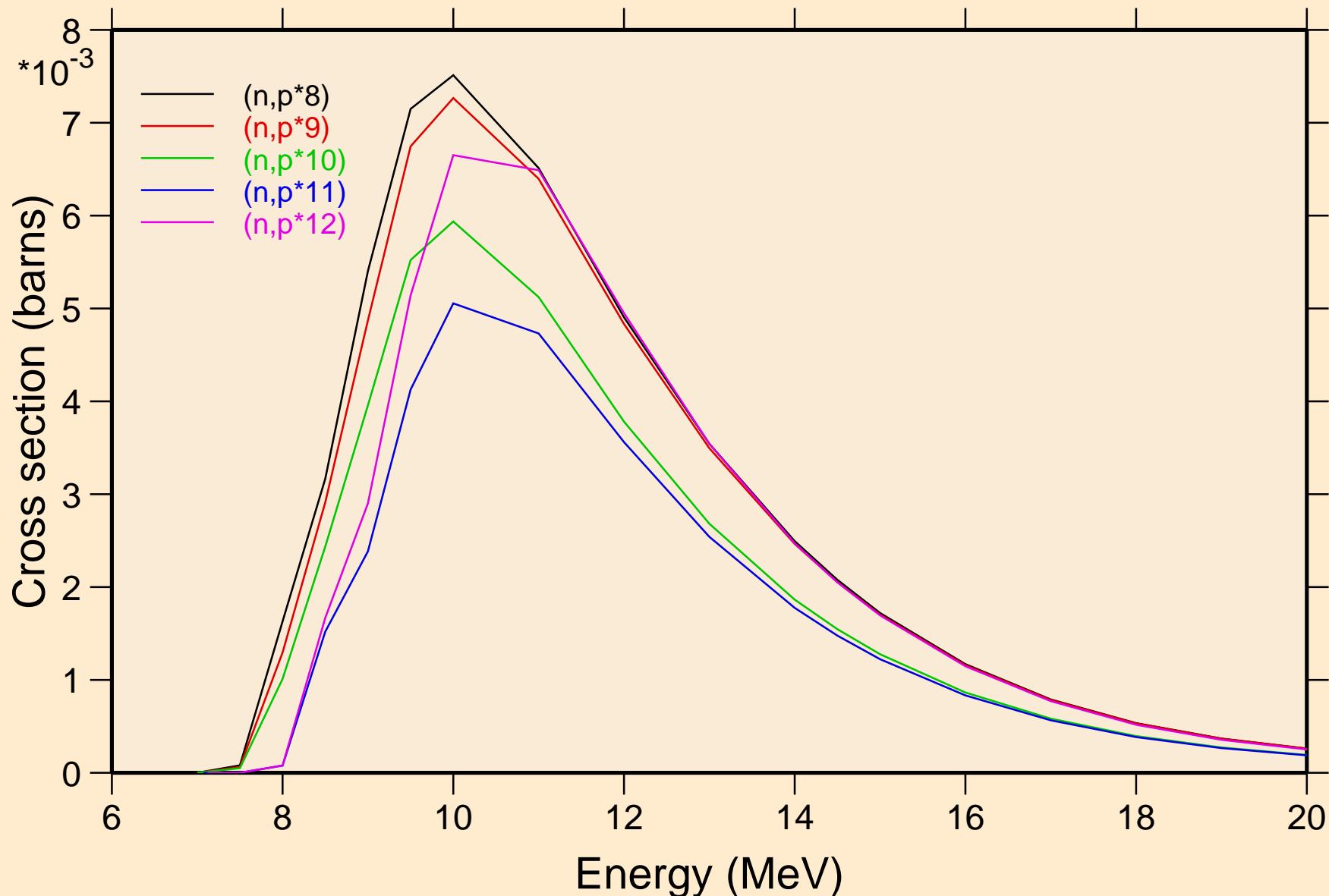
# JENDL-4 Si-29

## Threshold reactions



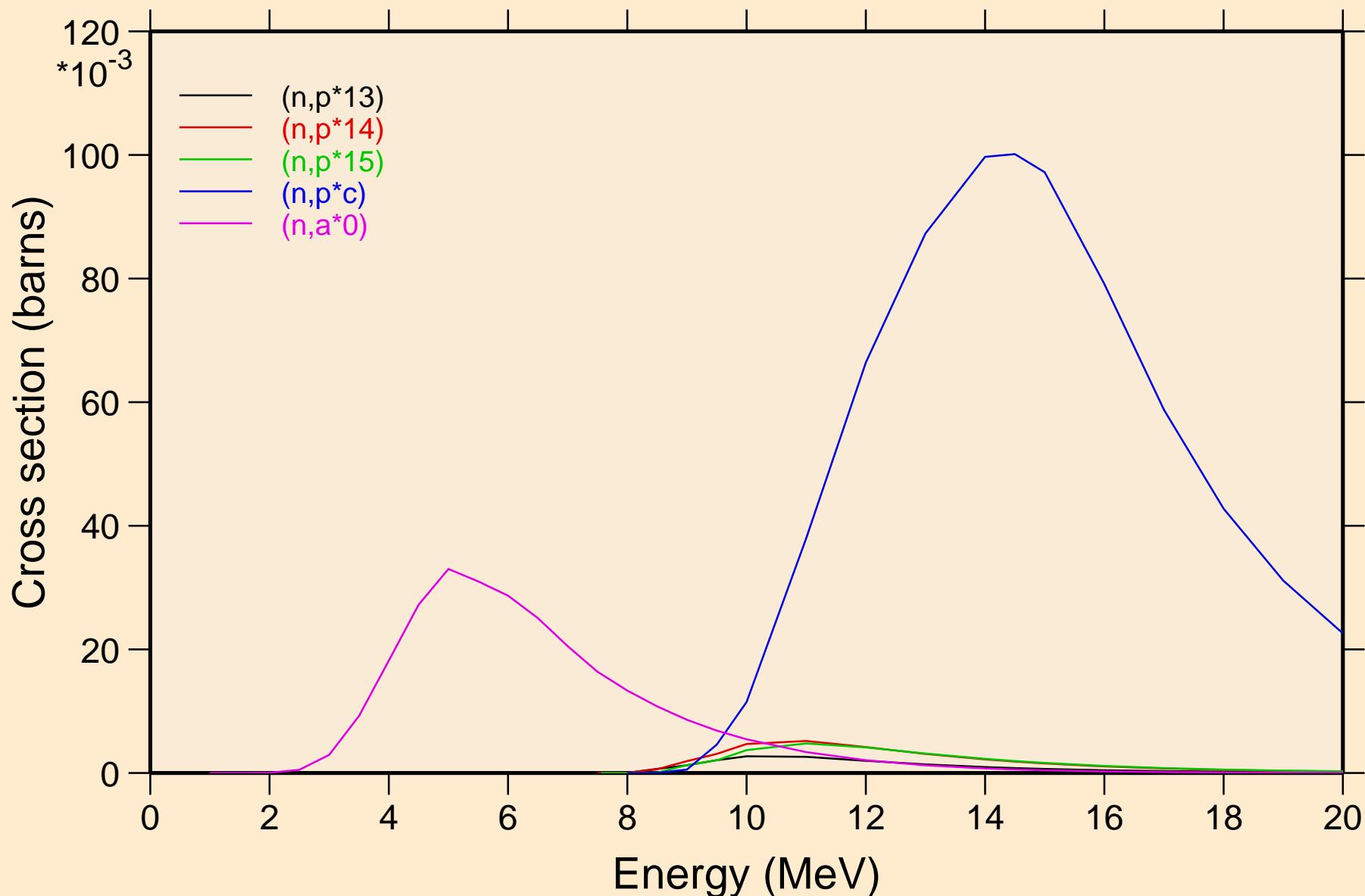
# JENDL-4 Si-29

## Threshold reactions



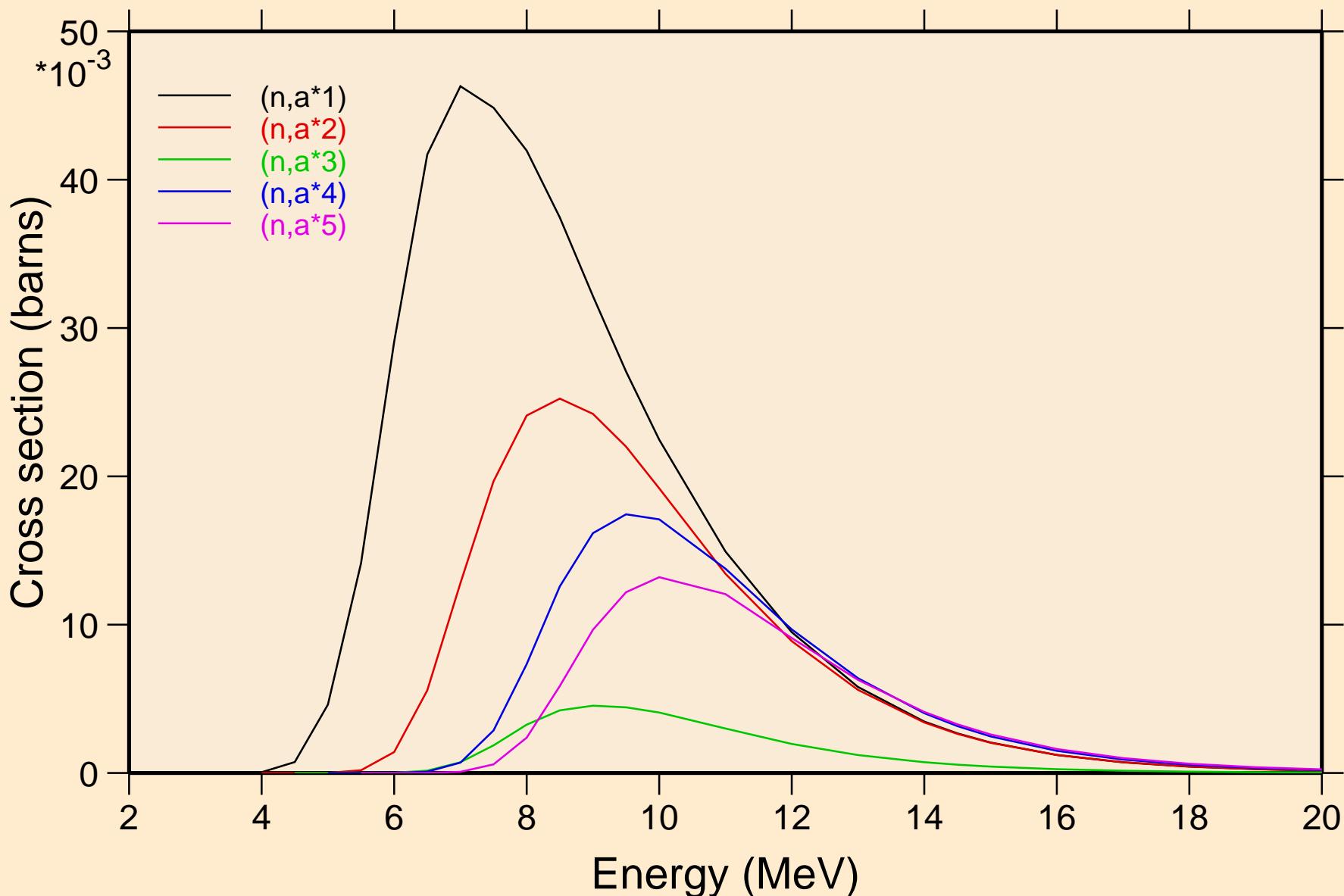
# JENDL-4 SI-29

## Threshold reactions



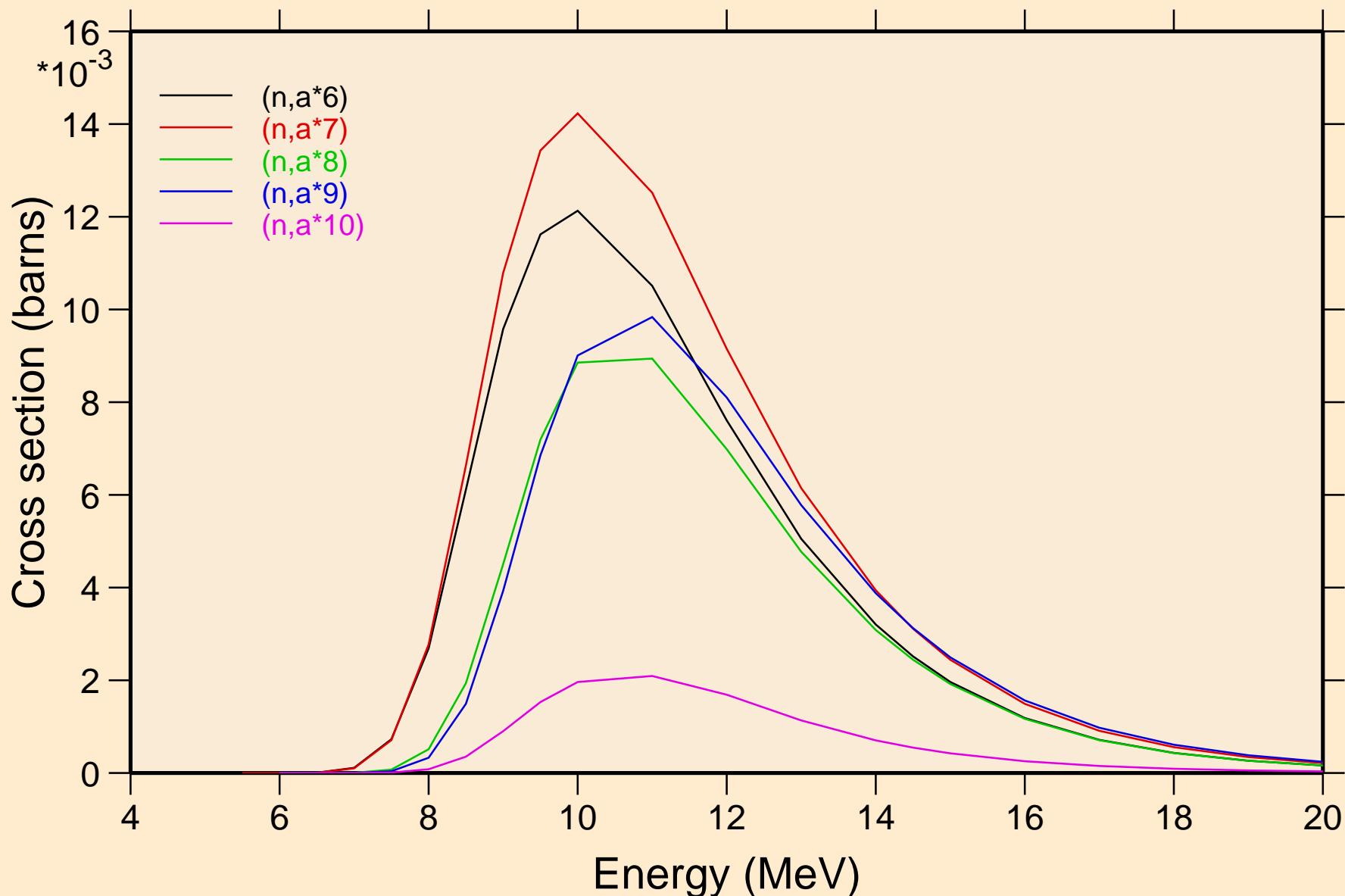
# JENDL-4 SI-29

## Threshold reactions



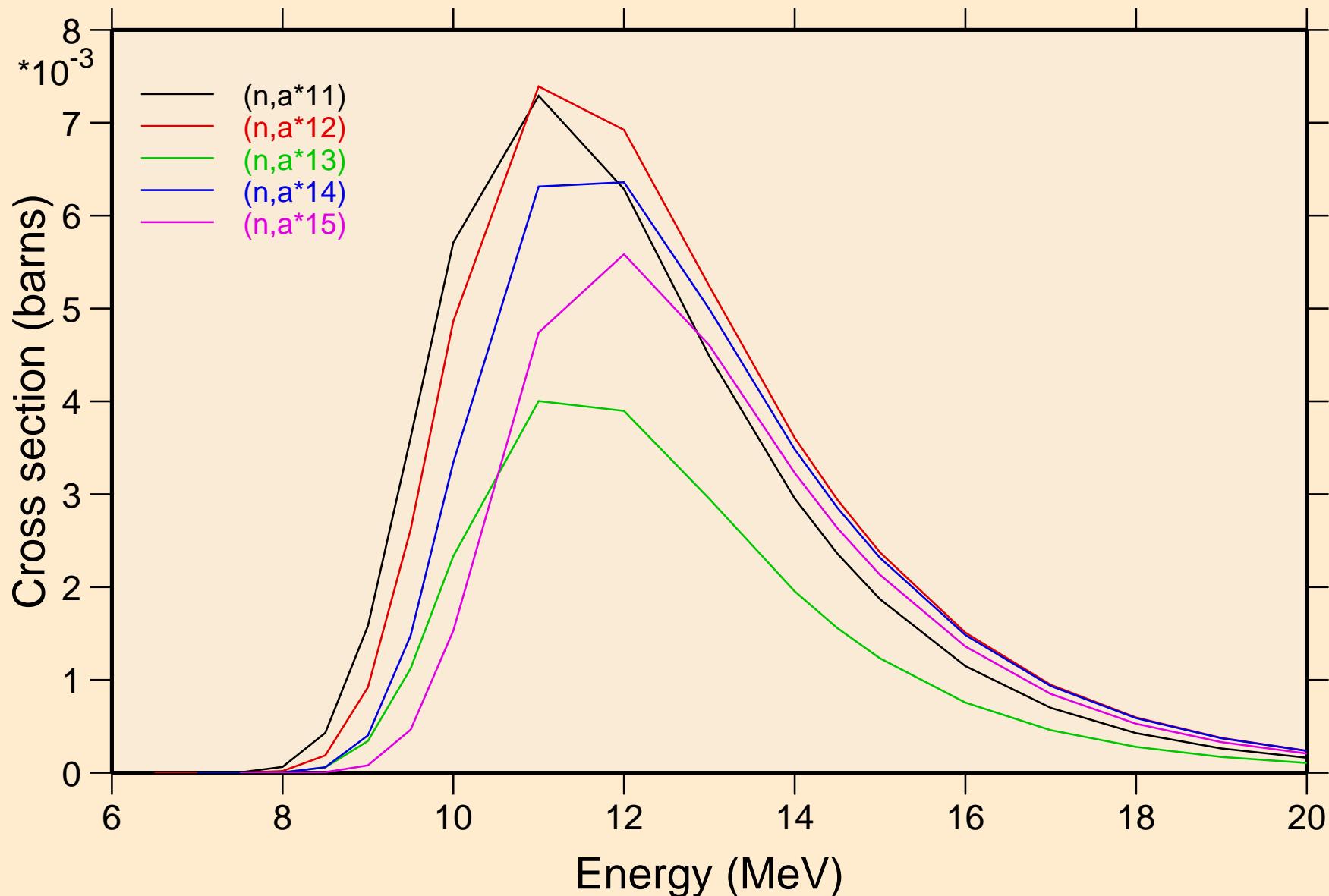
# JENDL-4 Si-29

## Threshold reactions



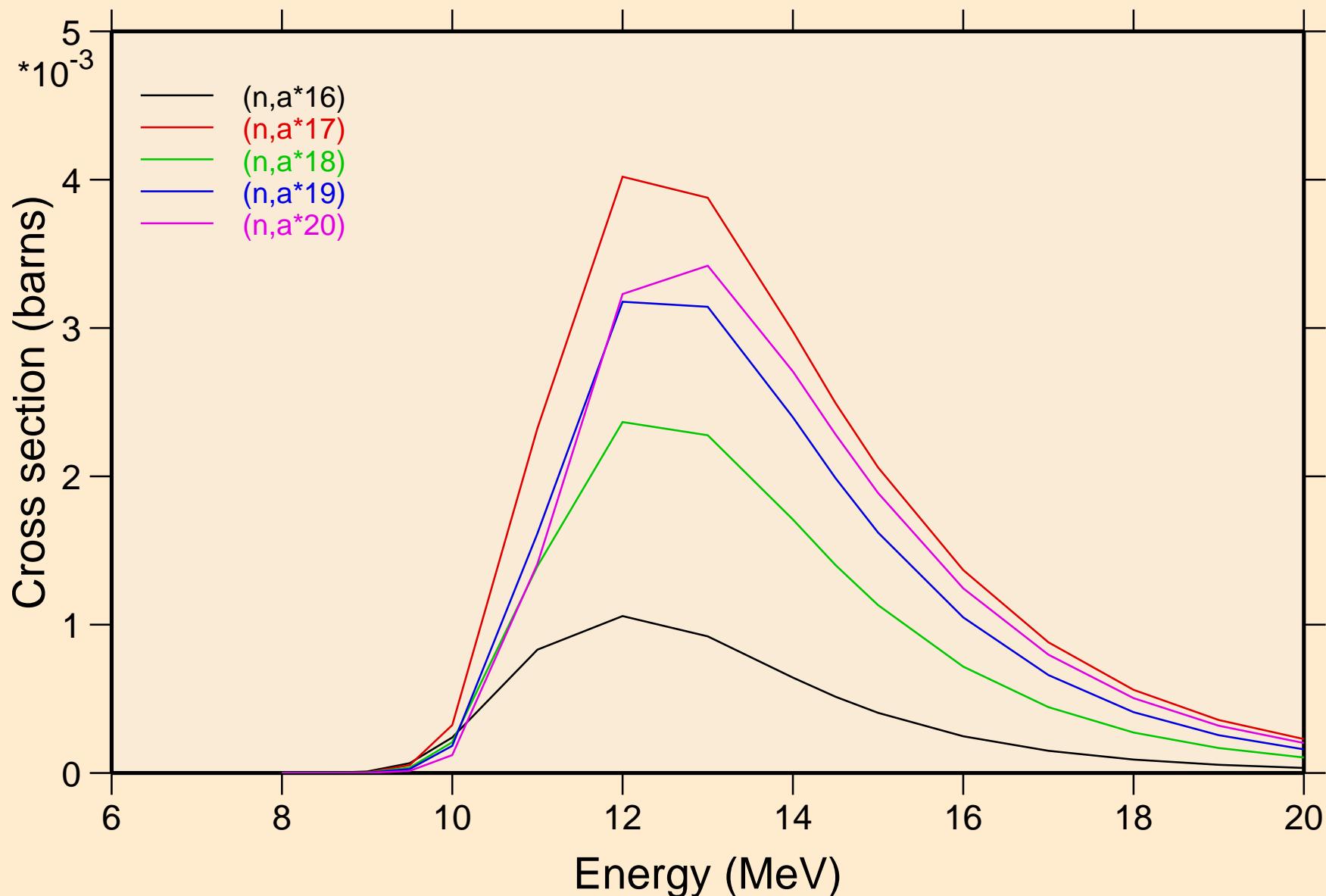
# JENDL-4 SI-29

## Threshold reactions



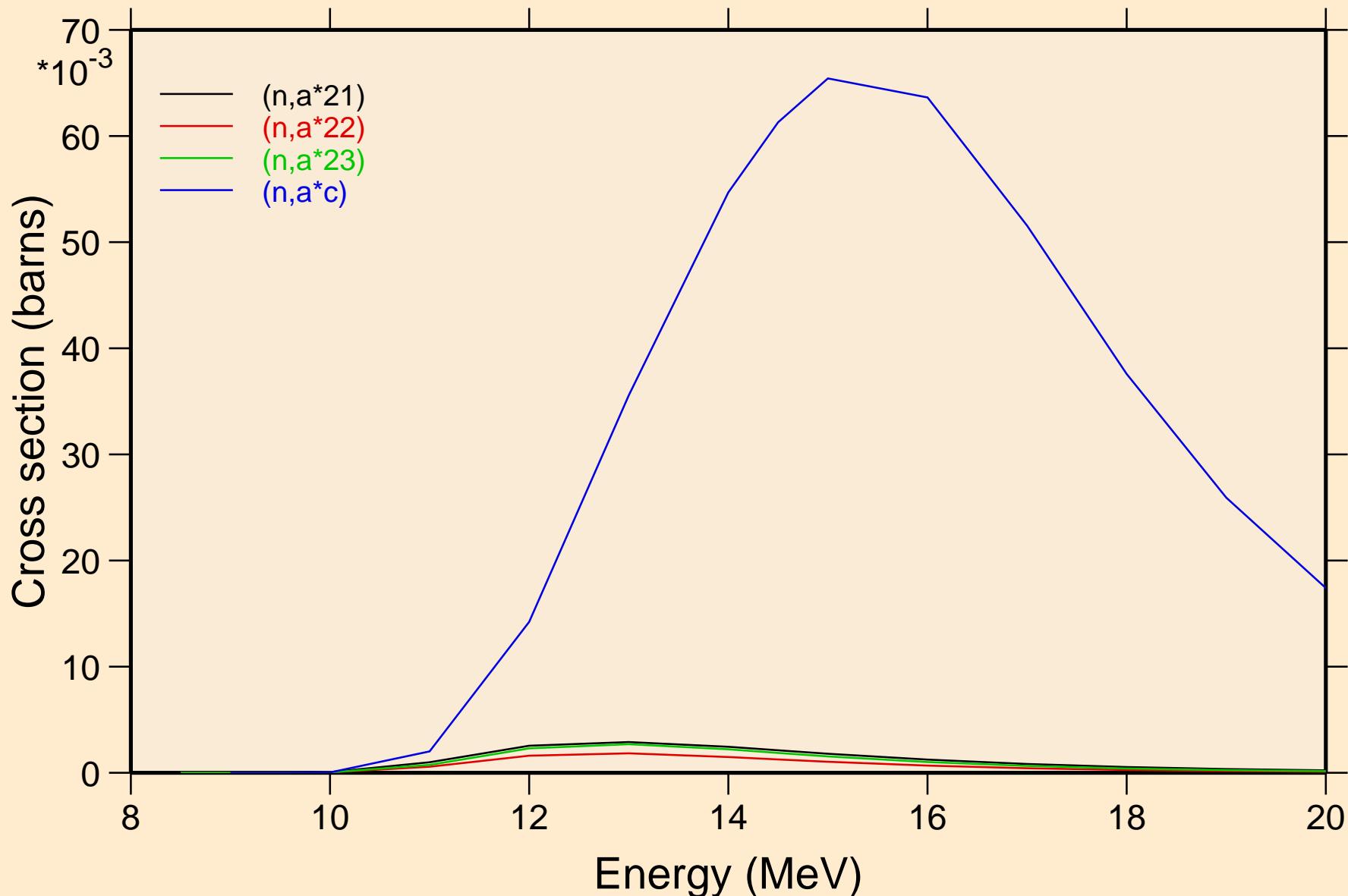
# JENDL-4 SI-29

## Threshold reactions

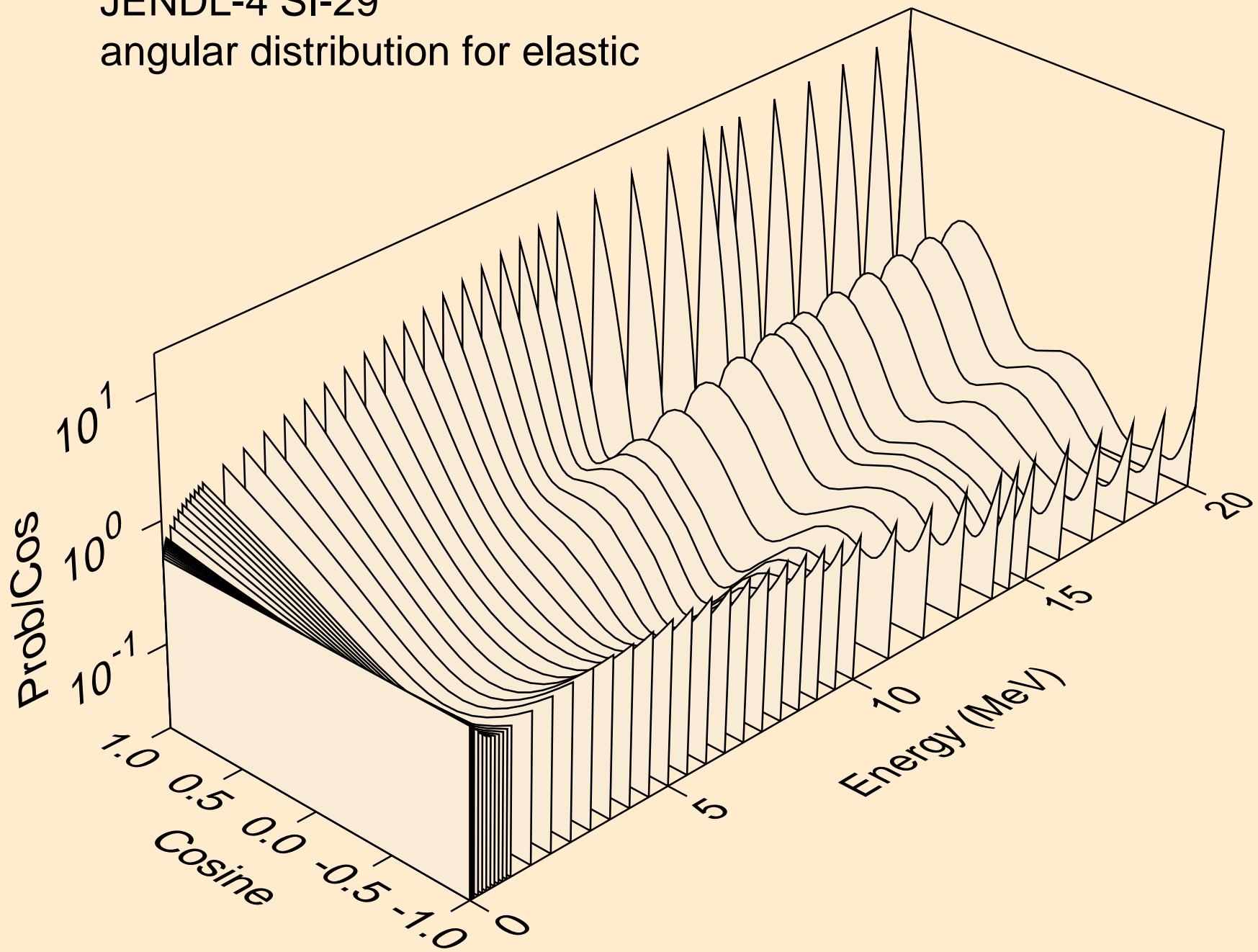


# JENDL-4 Si-29

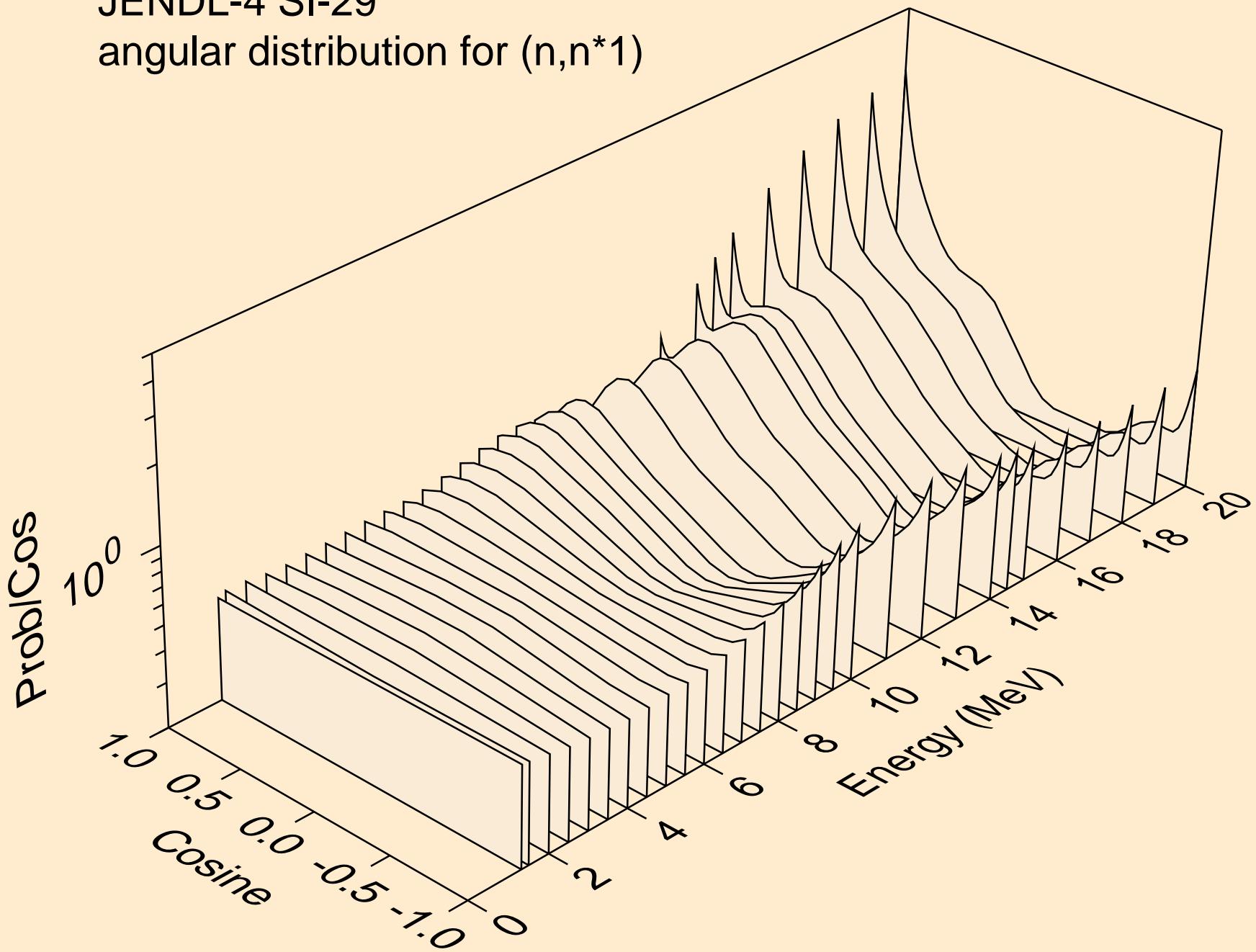
## Threshold reactions



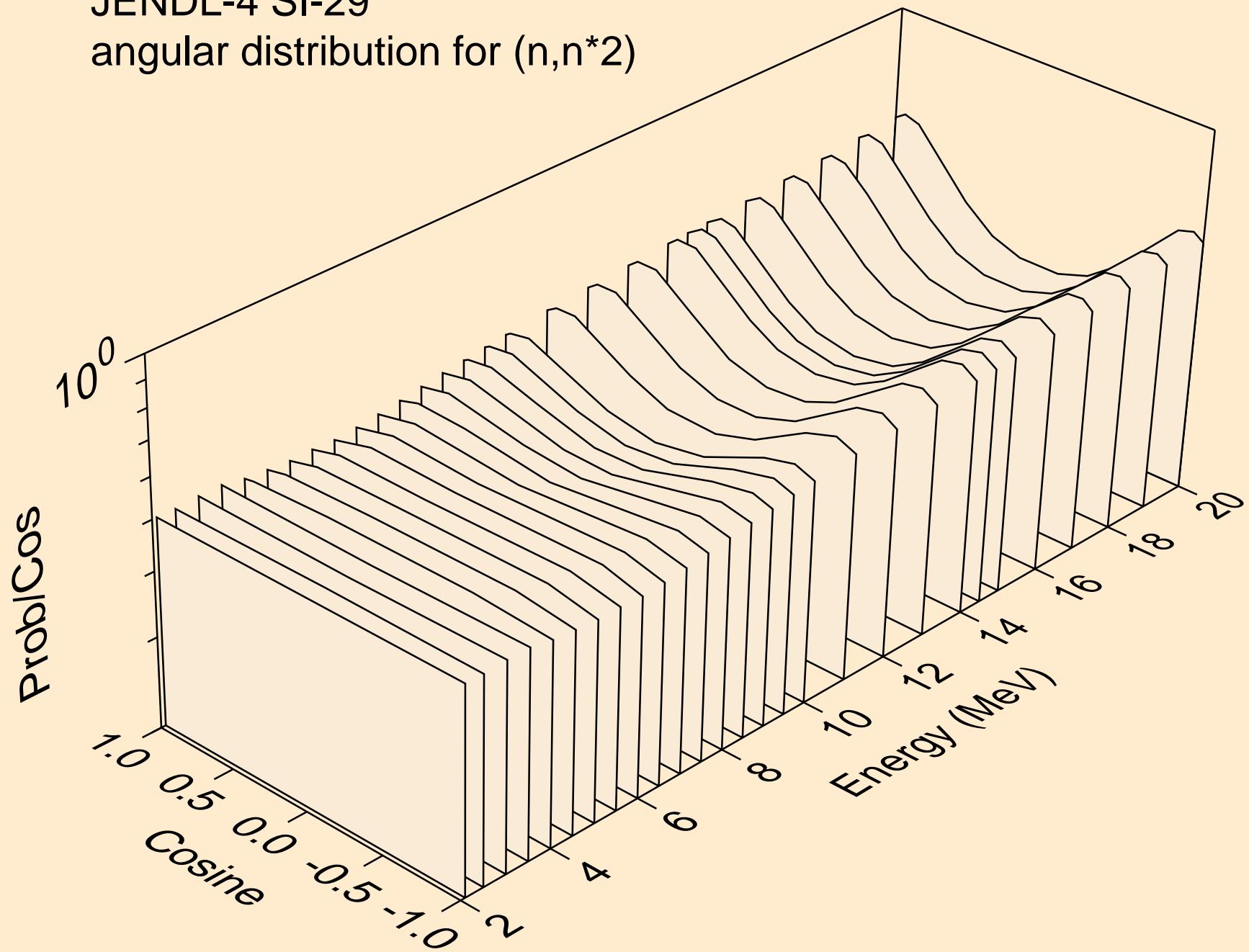
JENDL-4 SI-29  
angular distribution for elastic



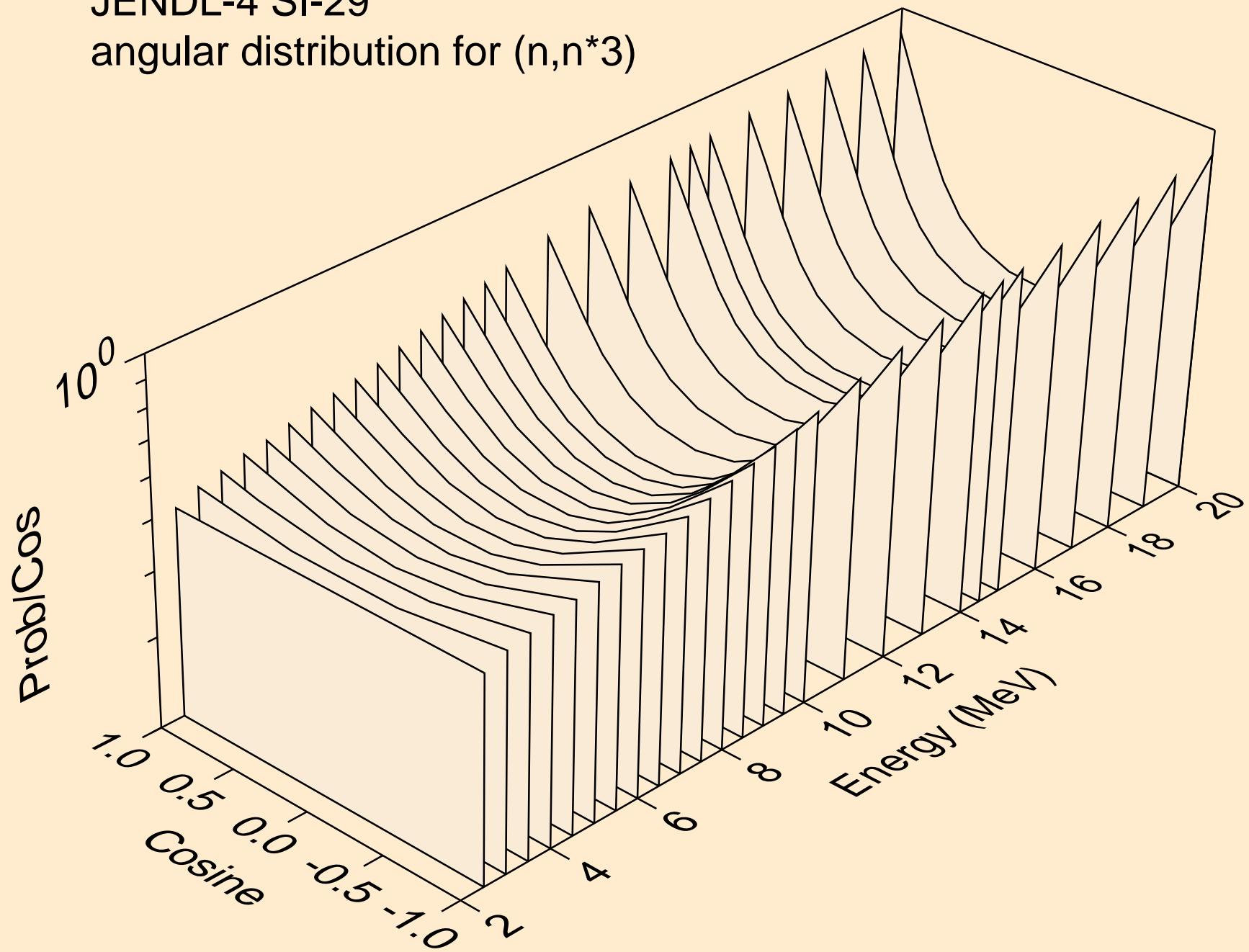
JENDL-4 SI-29  
angular distribution for (n,n\*1)



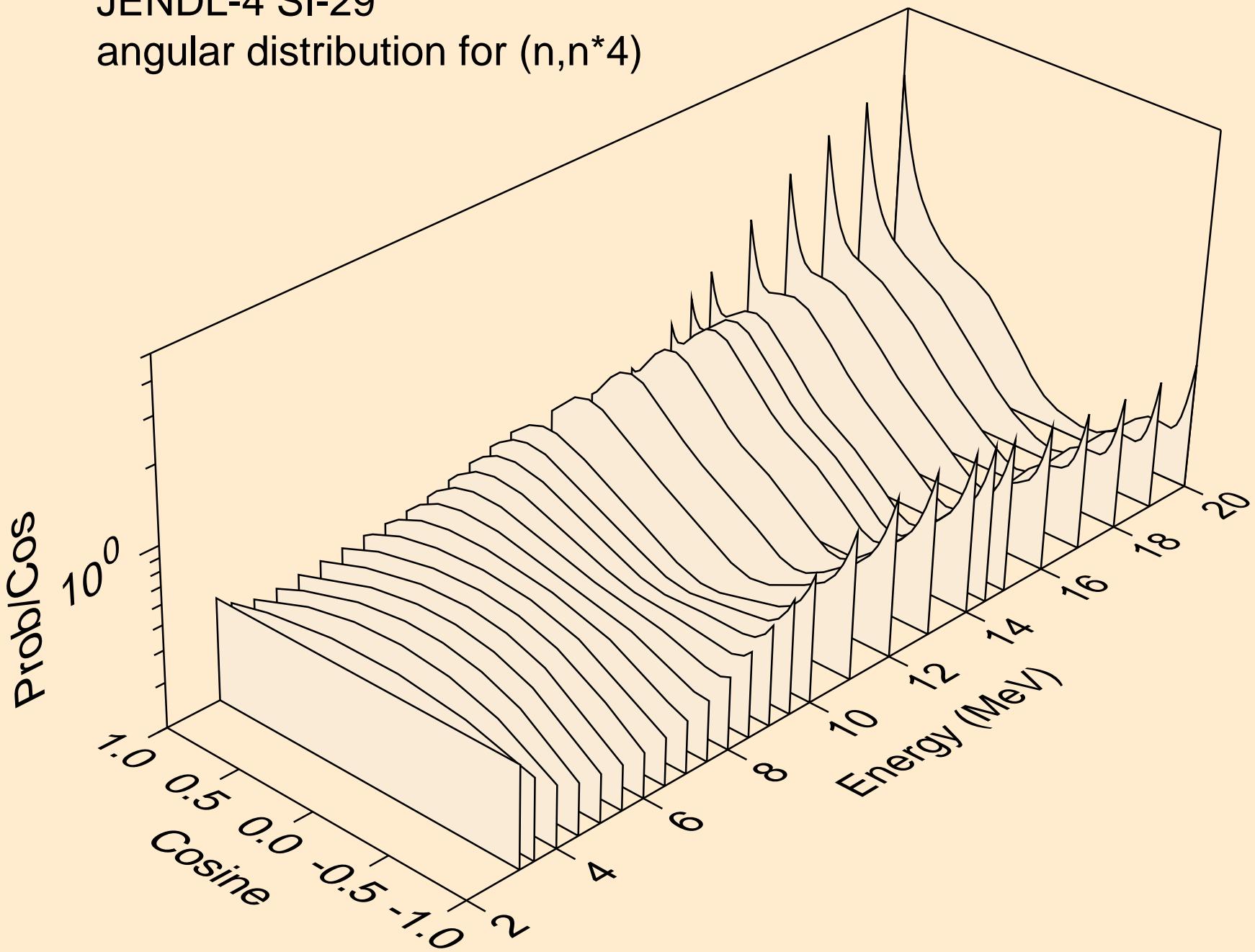
JENDL-4 SI-29  
angular distribution for  $(n,n^*)^2$



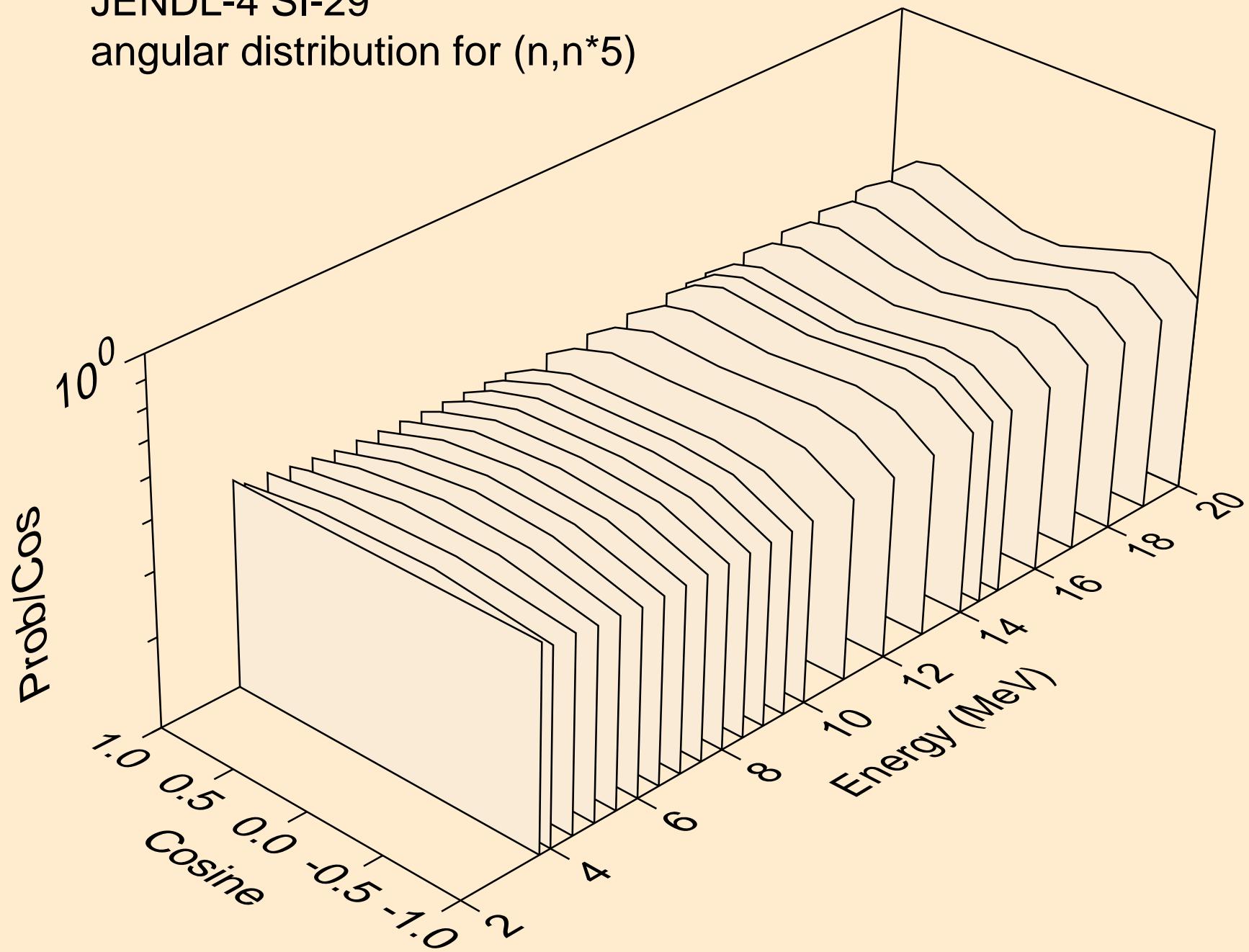
JENDL-4 SI-29  
angular distribution for  $(n,n^*3)$



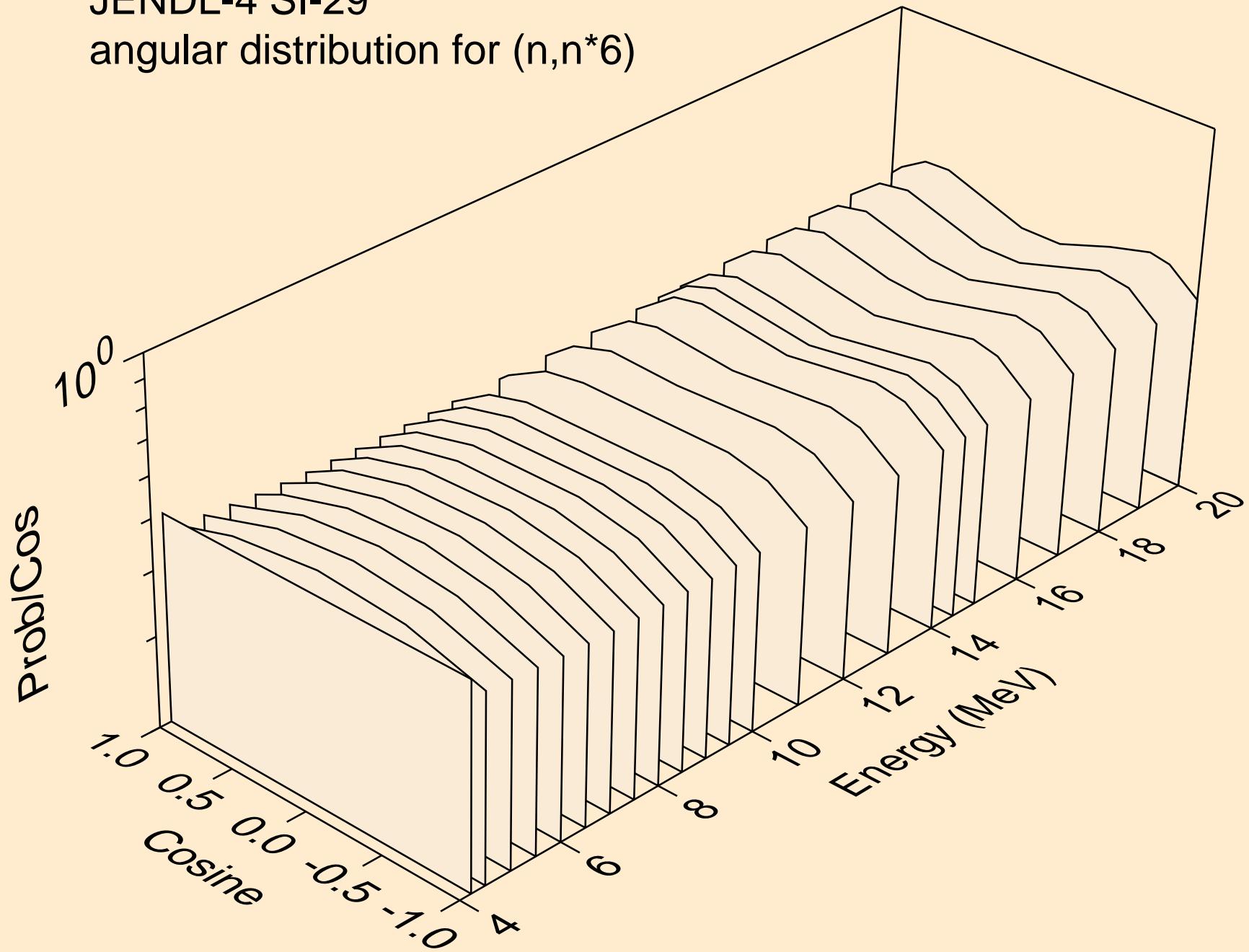
JENDL-4 SI-29  
angular distribution for  $(n,n^*4)$



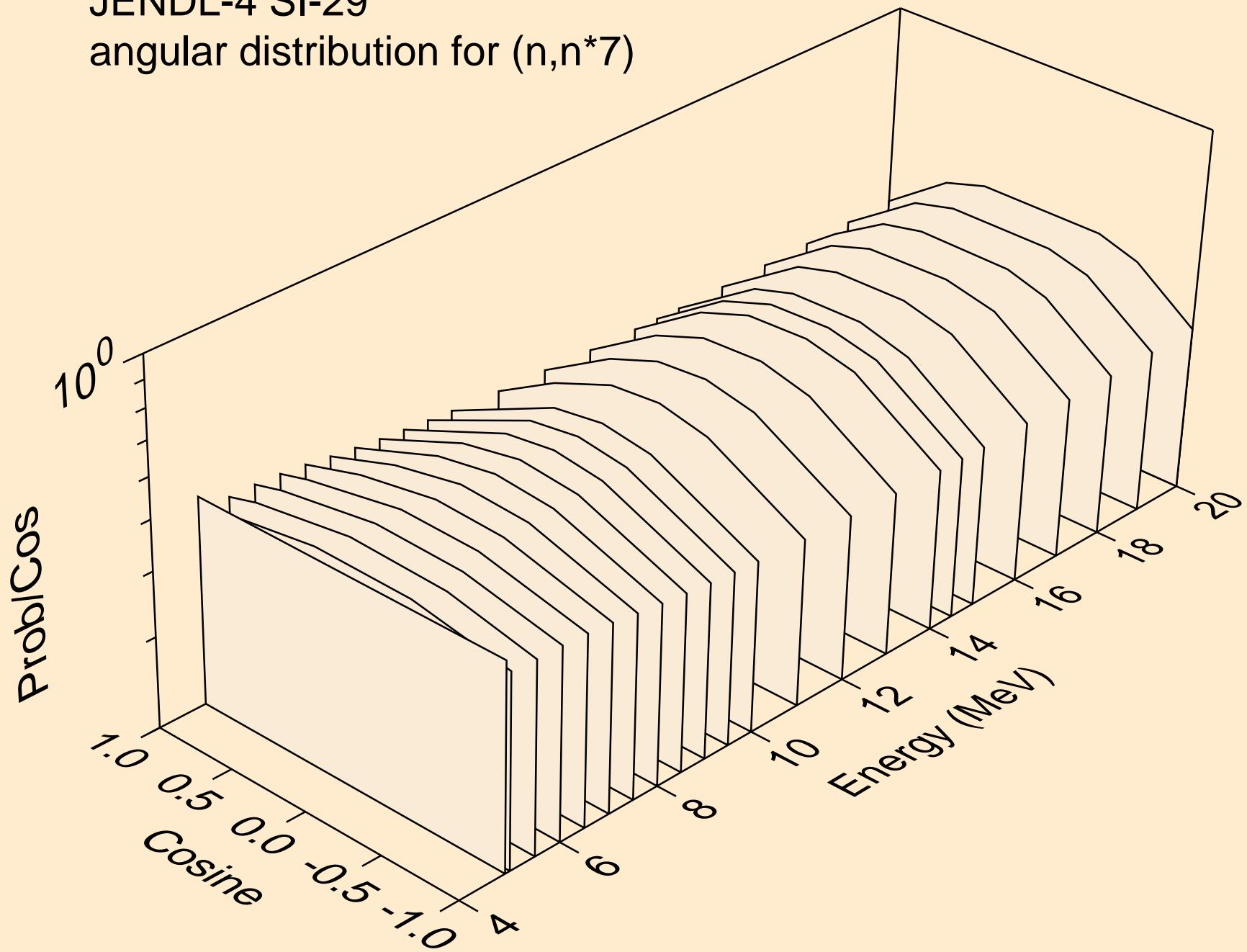
JENDL-4 SI-29  
angular distribution for  $(n,n^*)^5$



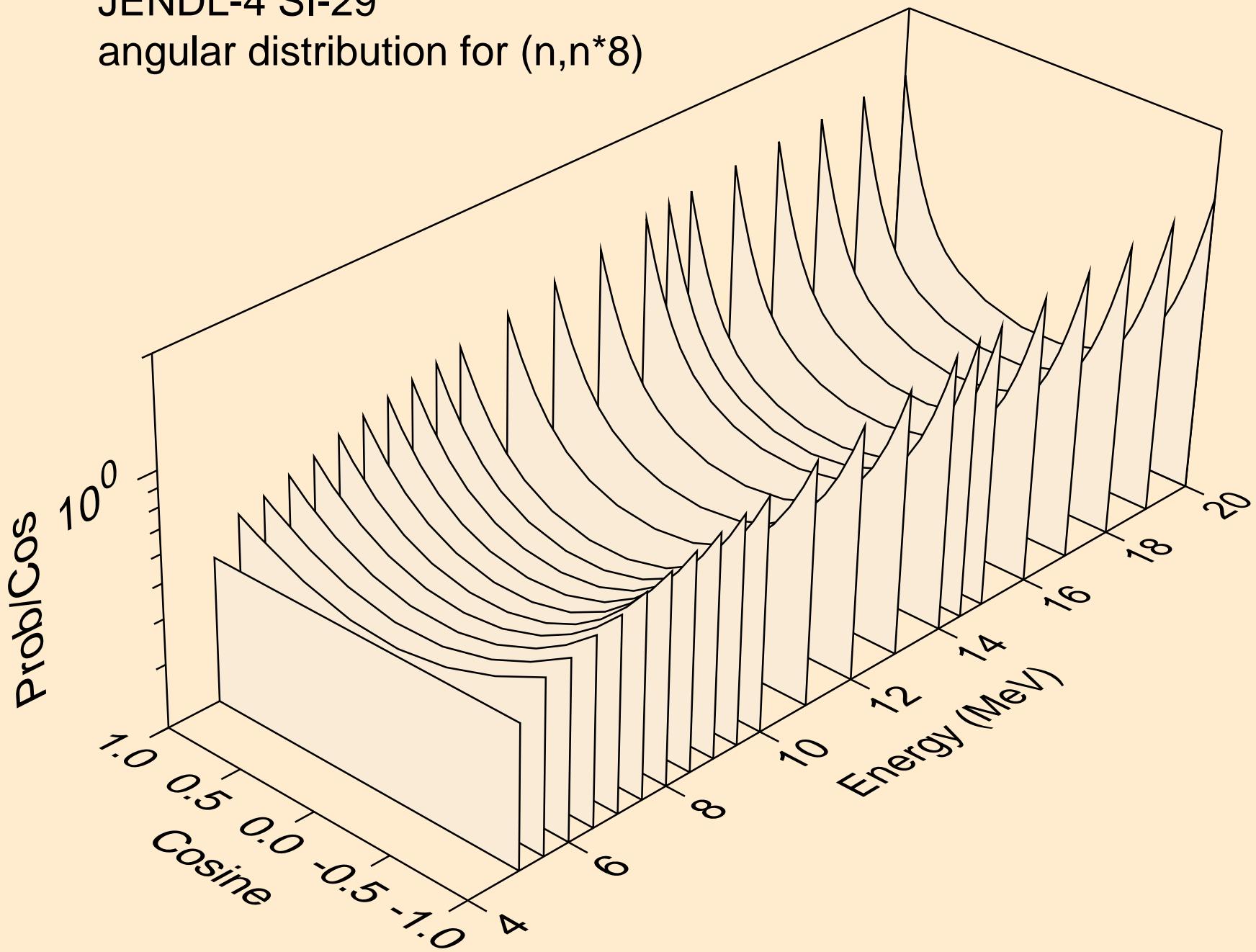
JENDL-4 SI-29  
angular distribution for  $(n,n^*6)$



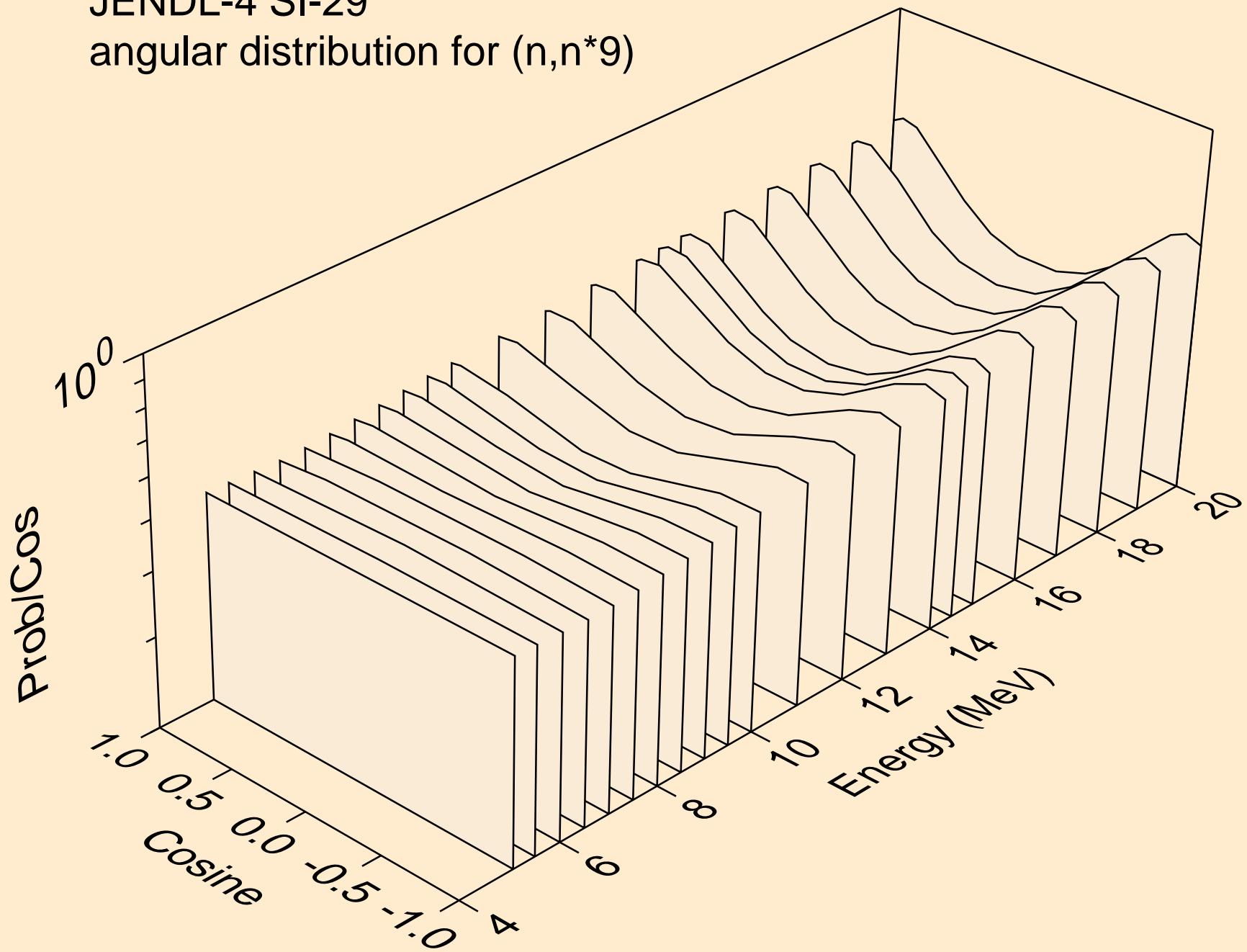
JENDL-4 SI-29  
angular distribution for  $(n,n^*7)$



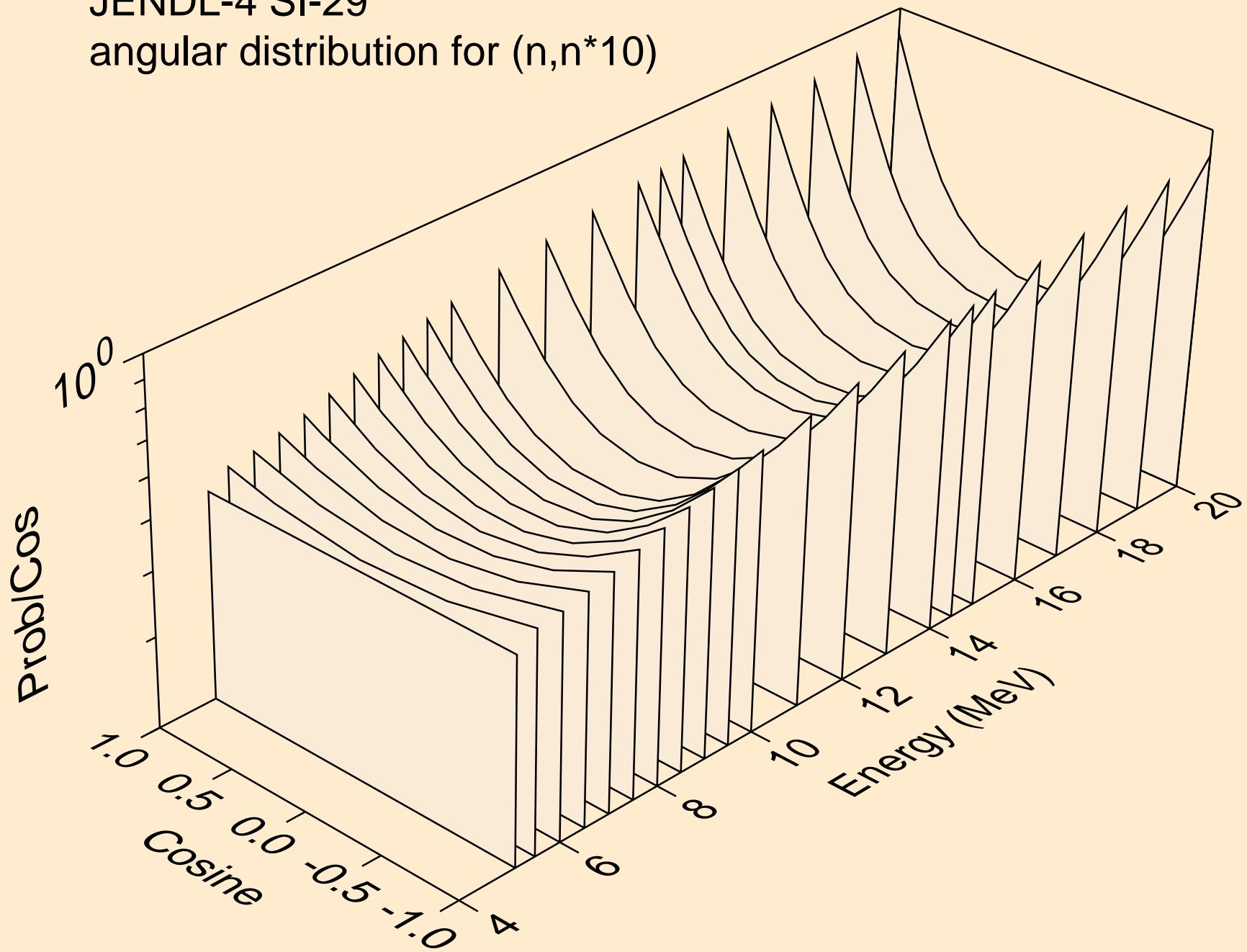
JENDL-4 SI-29  
angular distribution for  $(n,n^*8)$



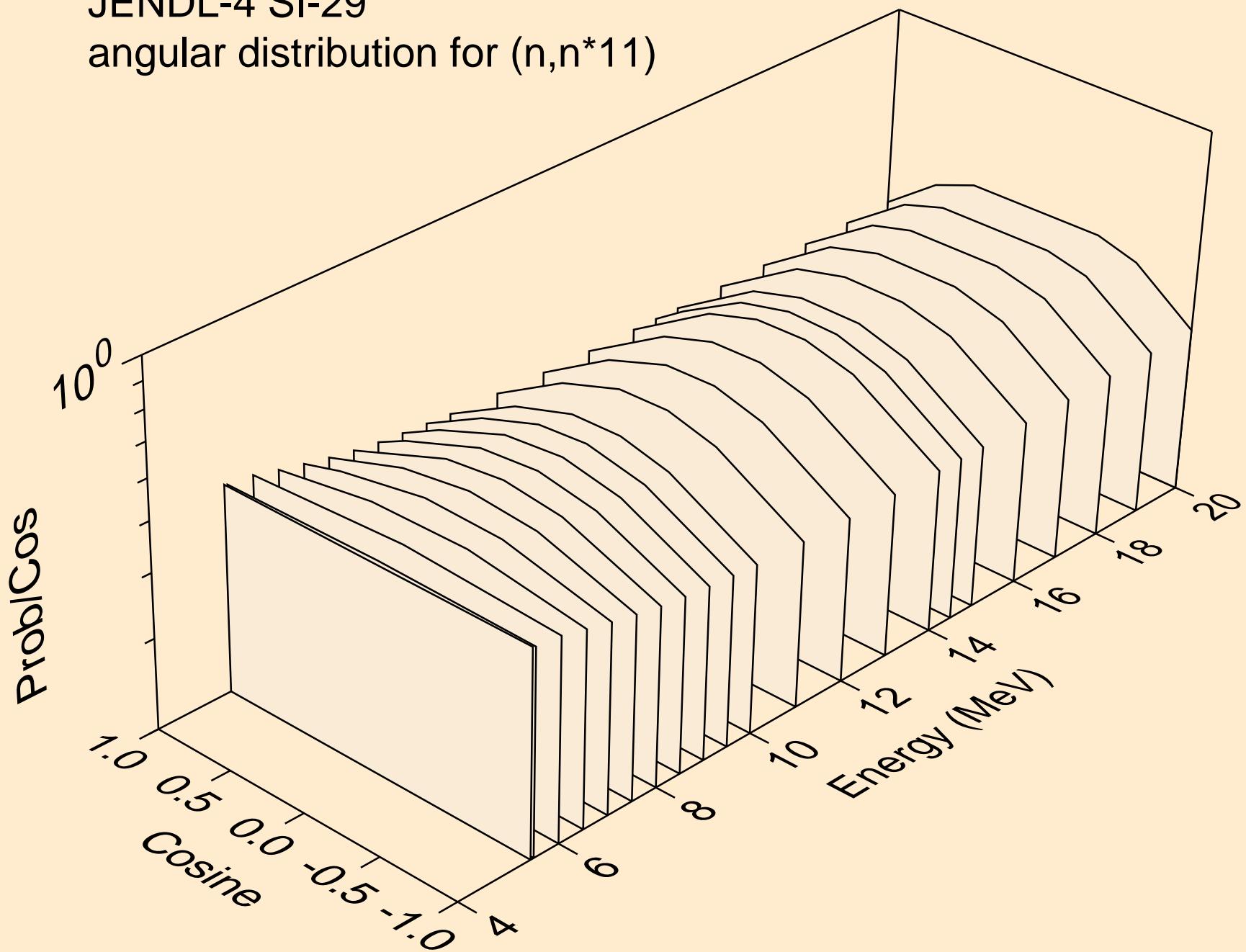
JENDL-4 SI-29  
angular distribution for  $(n,n^*)9$



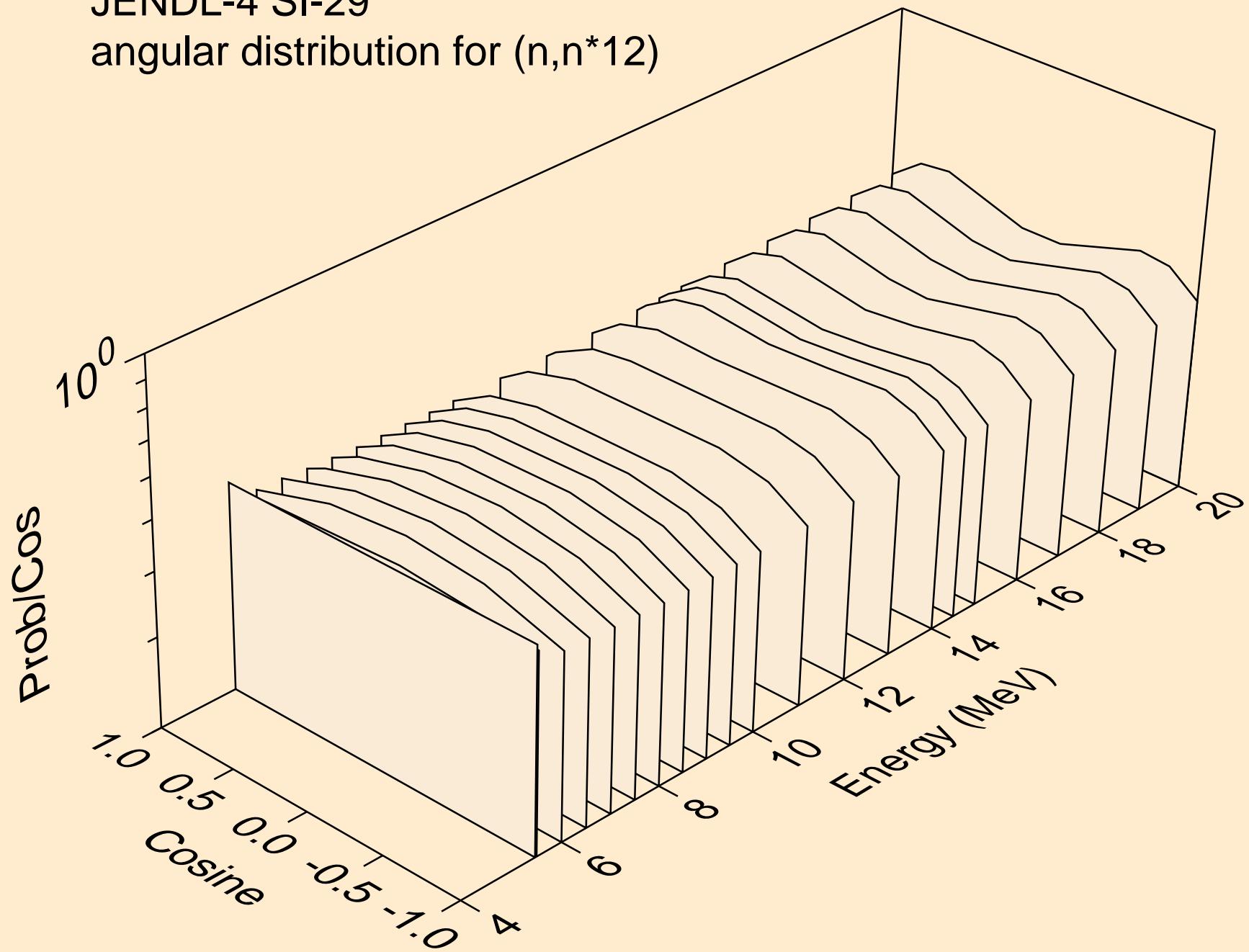
JENDL-4 SI-29  
angular distribution for (n,n\*10)



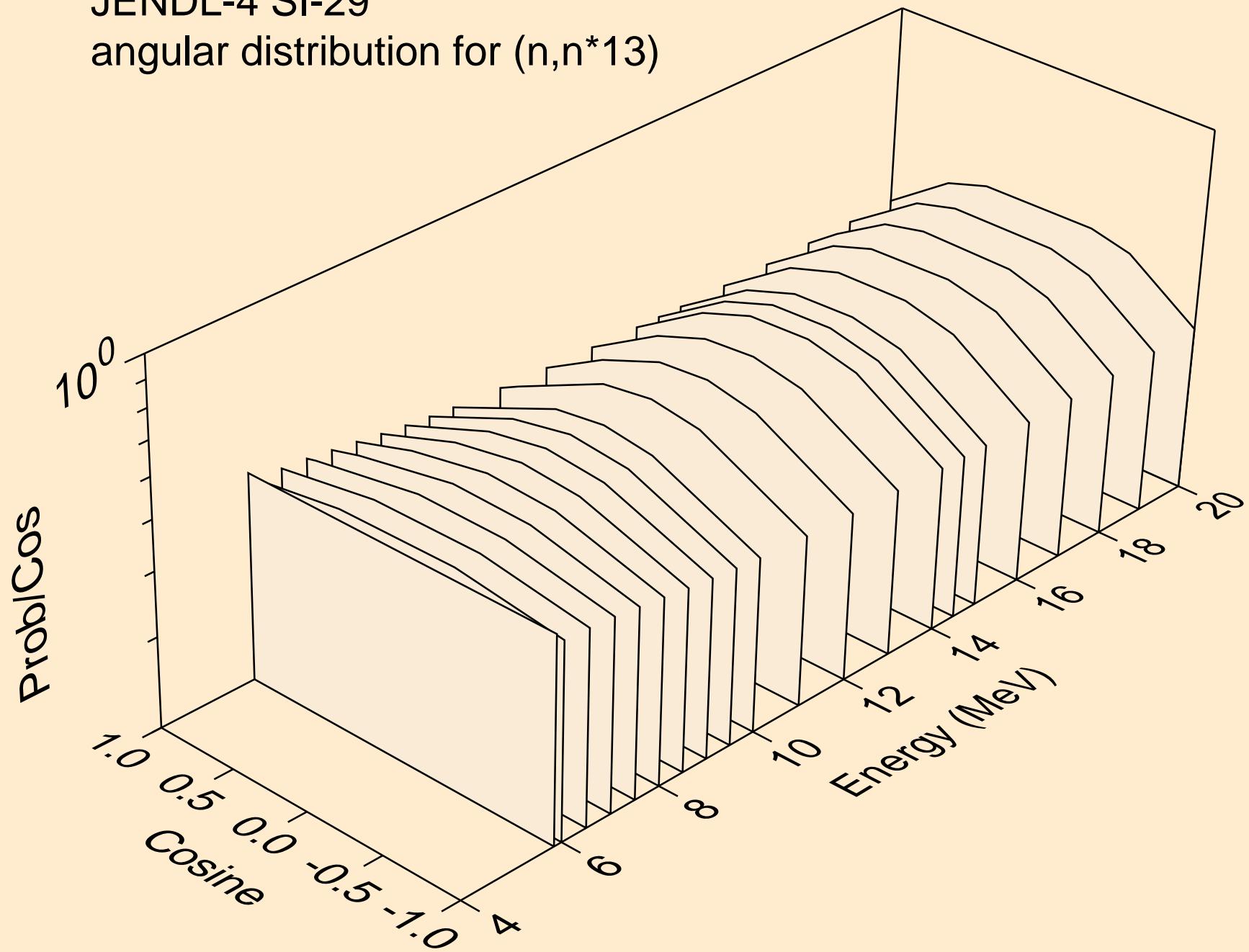
JENDL-4 SI-29  
angular distribution for  $(n,n^*11)$



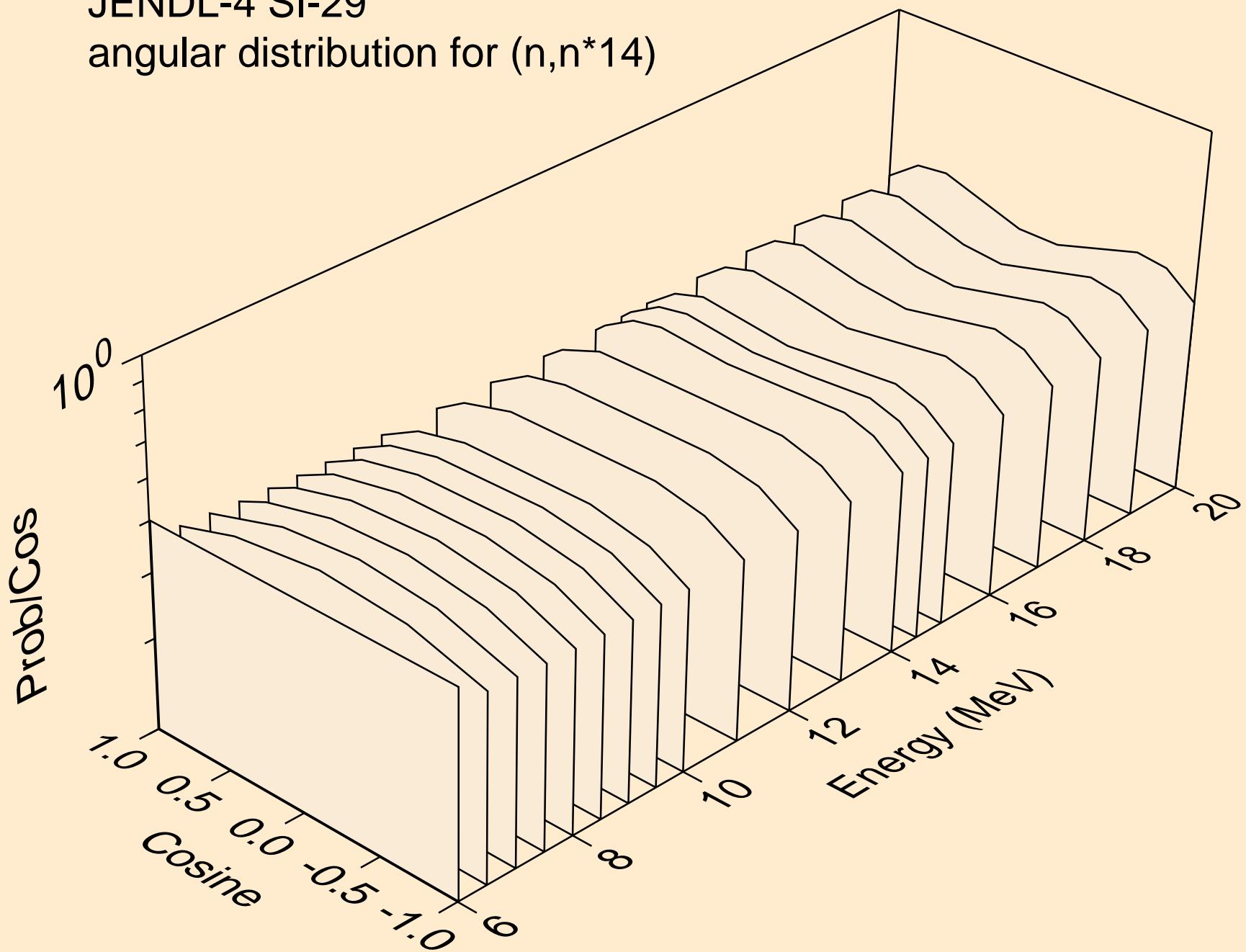
JENDL-4 SI-29  
angular distribution for  $(n,n^*12)$



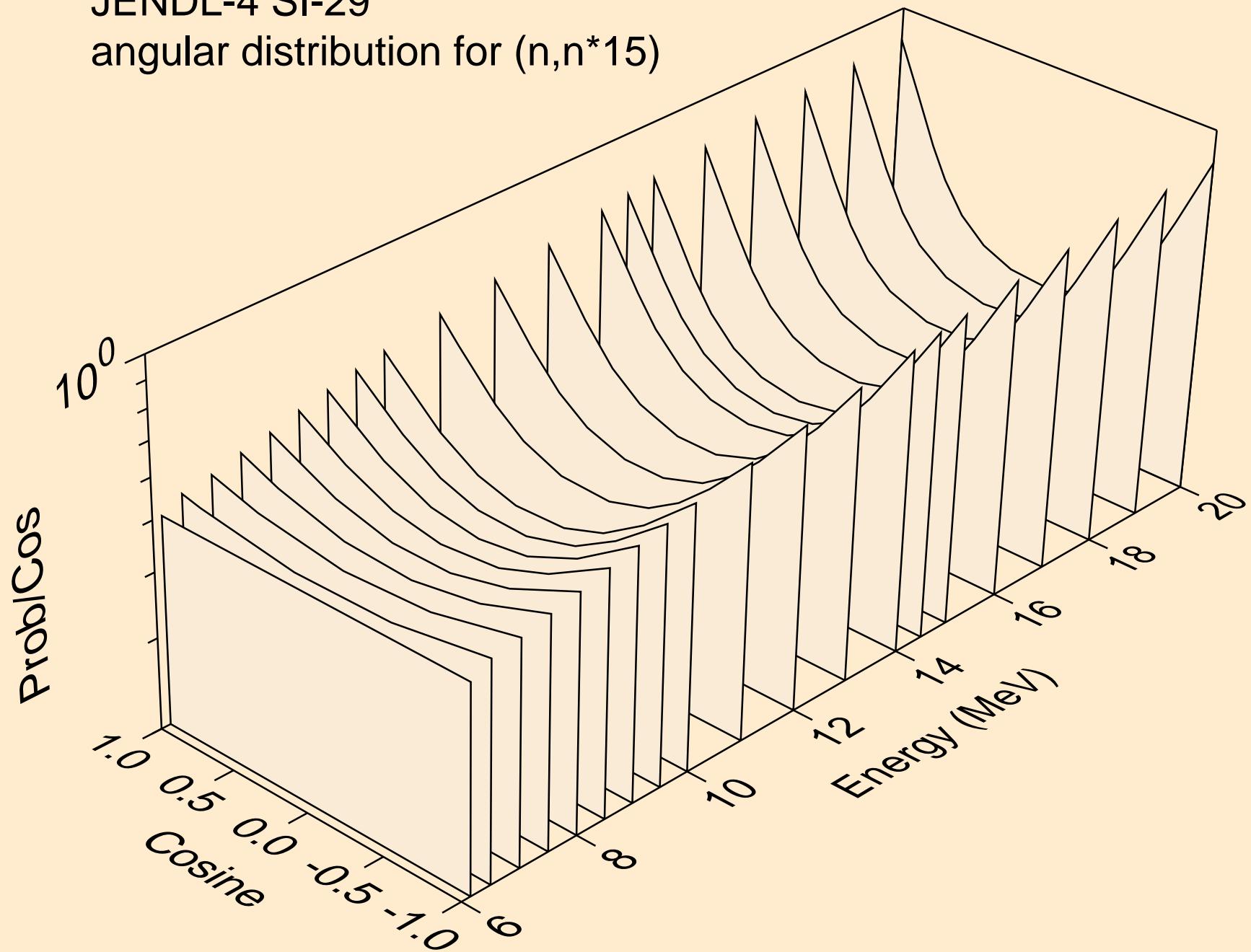
JENDL-4 SI-29  
angular distribution for  $(n,n^*13)$



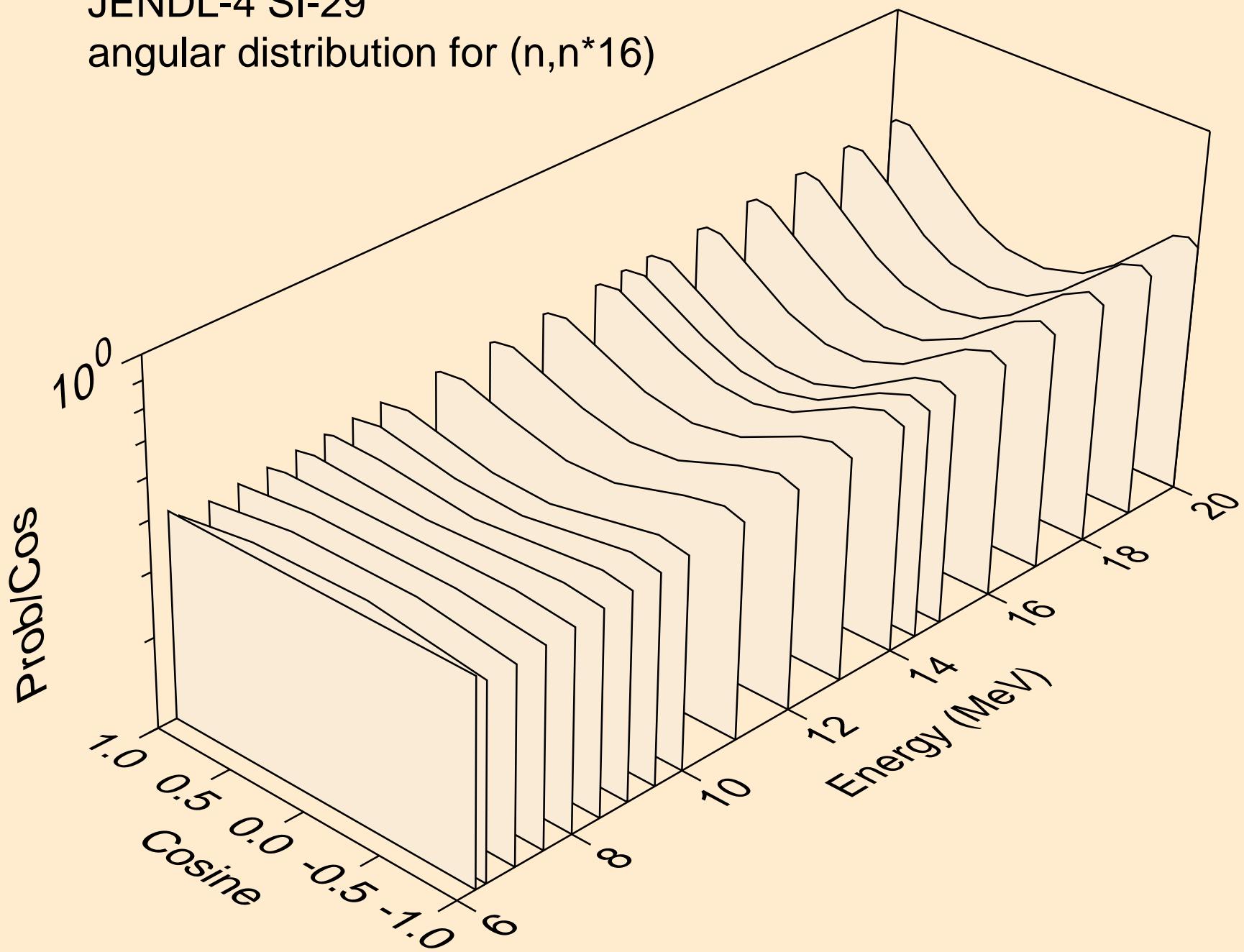
JENDL-4 SI-29  
angular distribution for (n,n\*14)



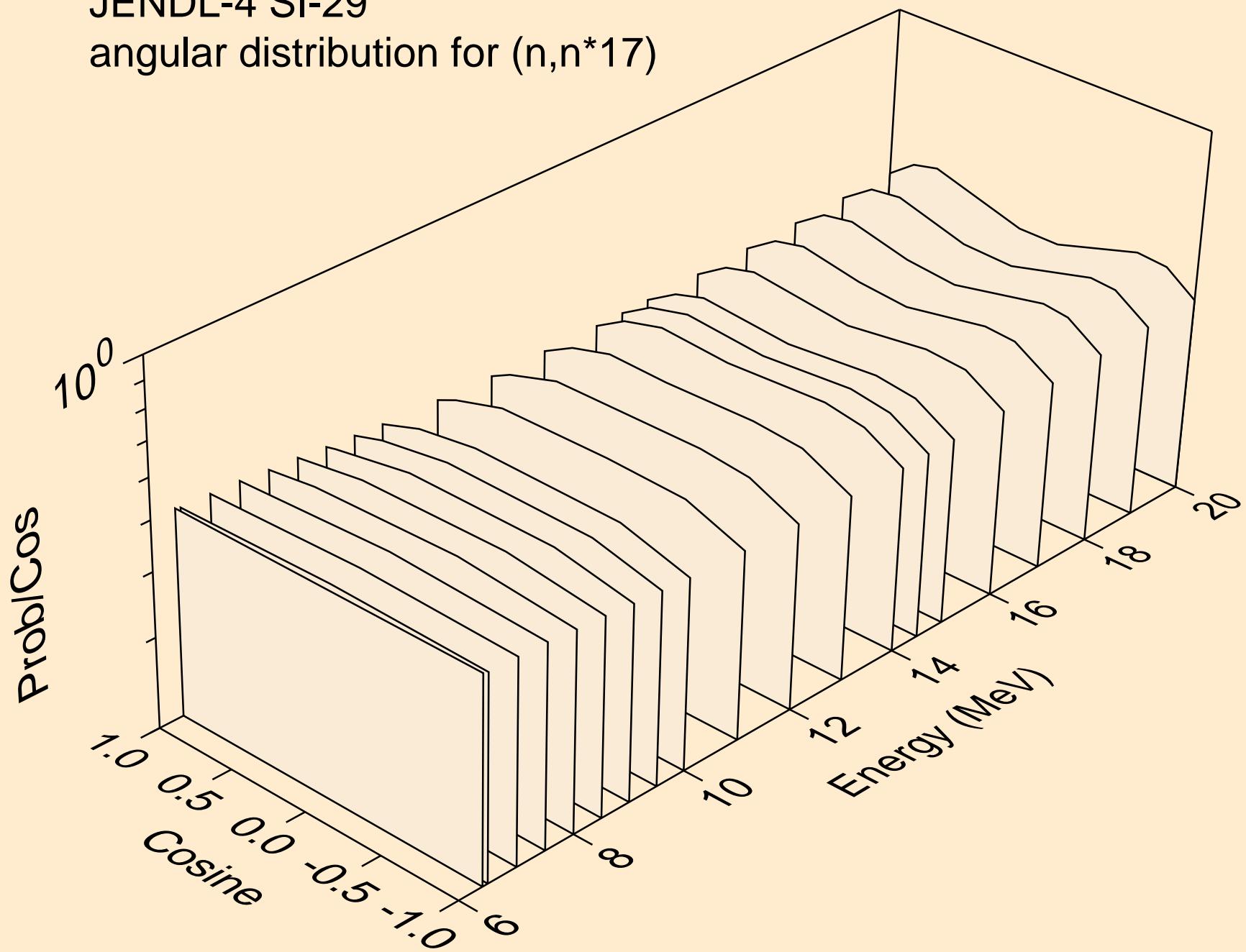
JENDL-4 SI-29  
angular distribution for  $(n,n^*15)$



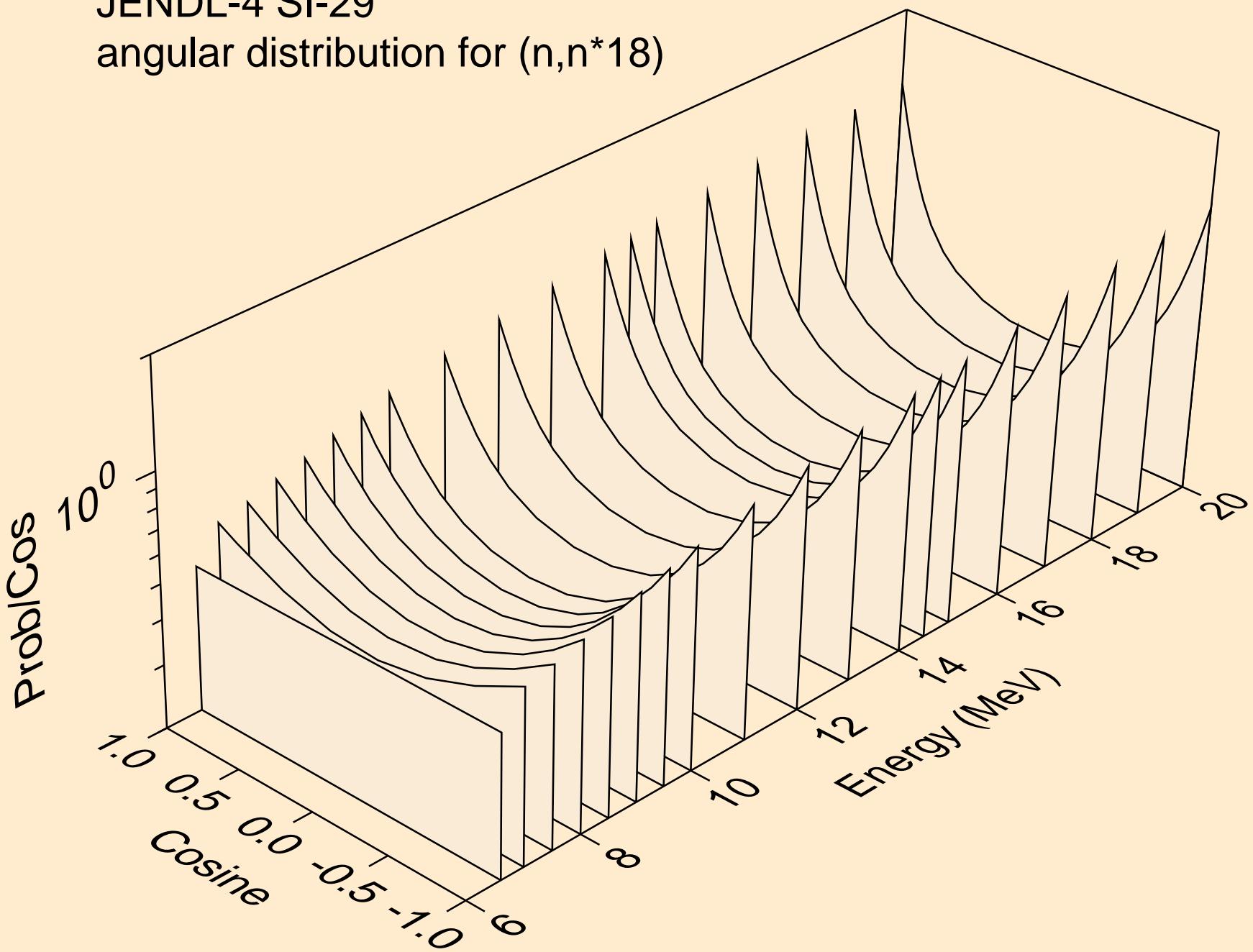
JENDL-4 SI-29  
angular distribution for  $(n,n^*16)$



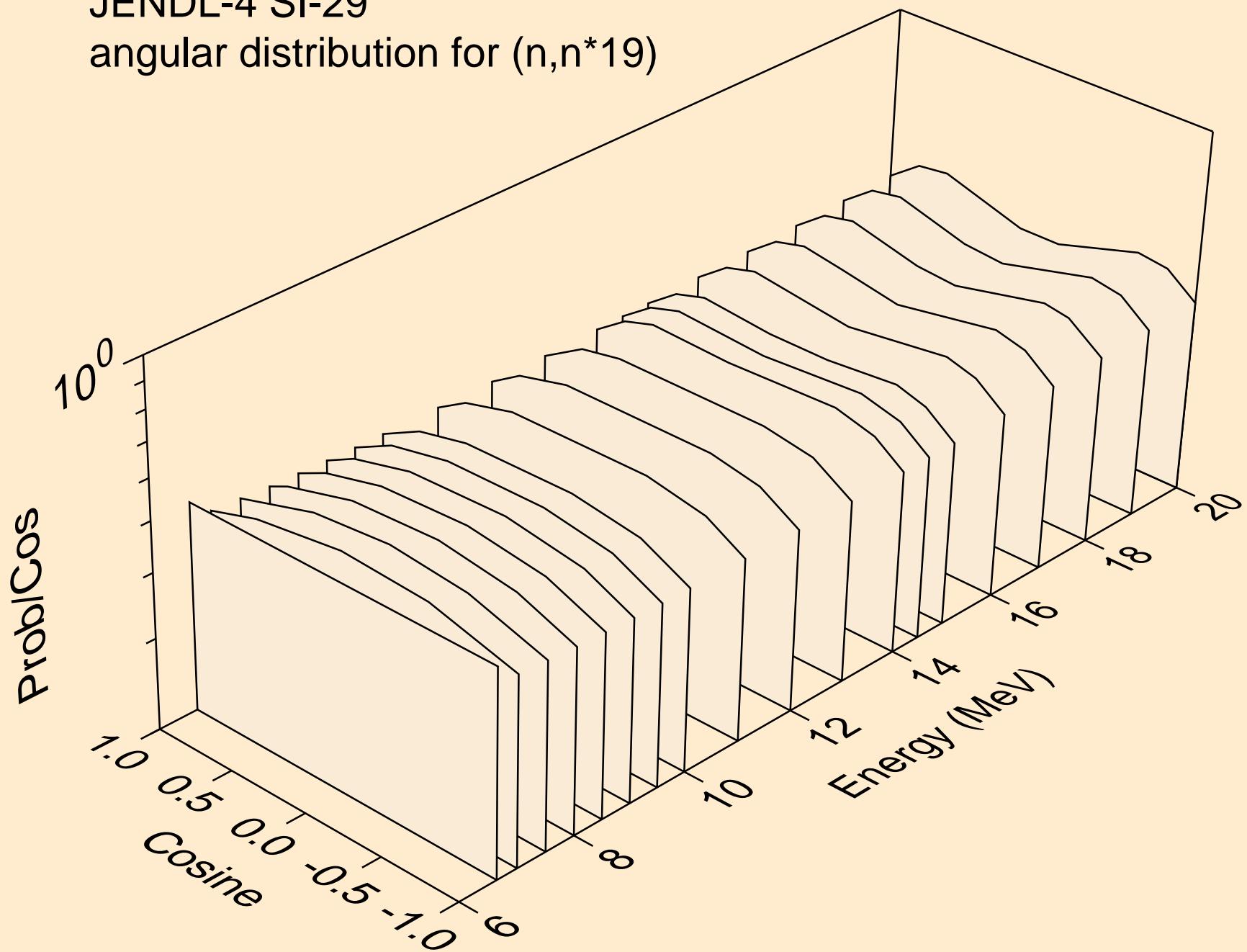
JENDL-4 SI-29  
angular distribution for  $(n,n^*17)$



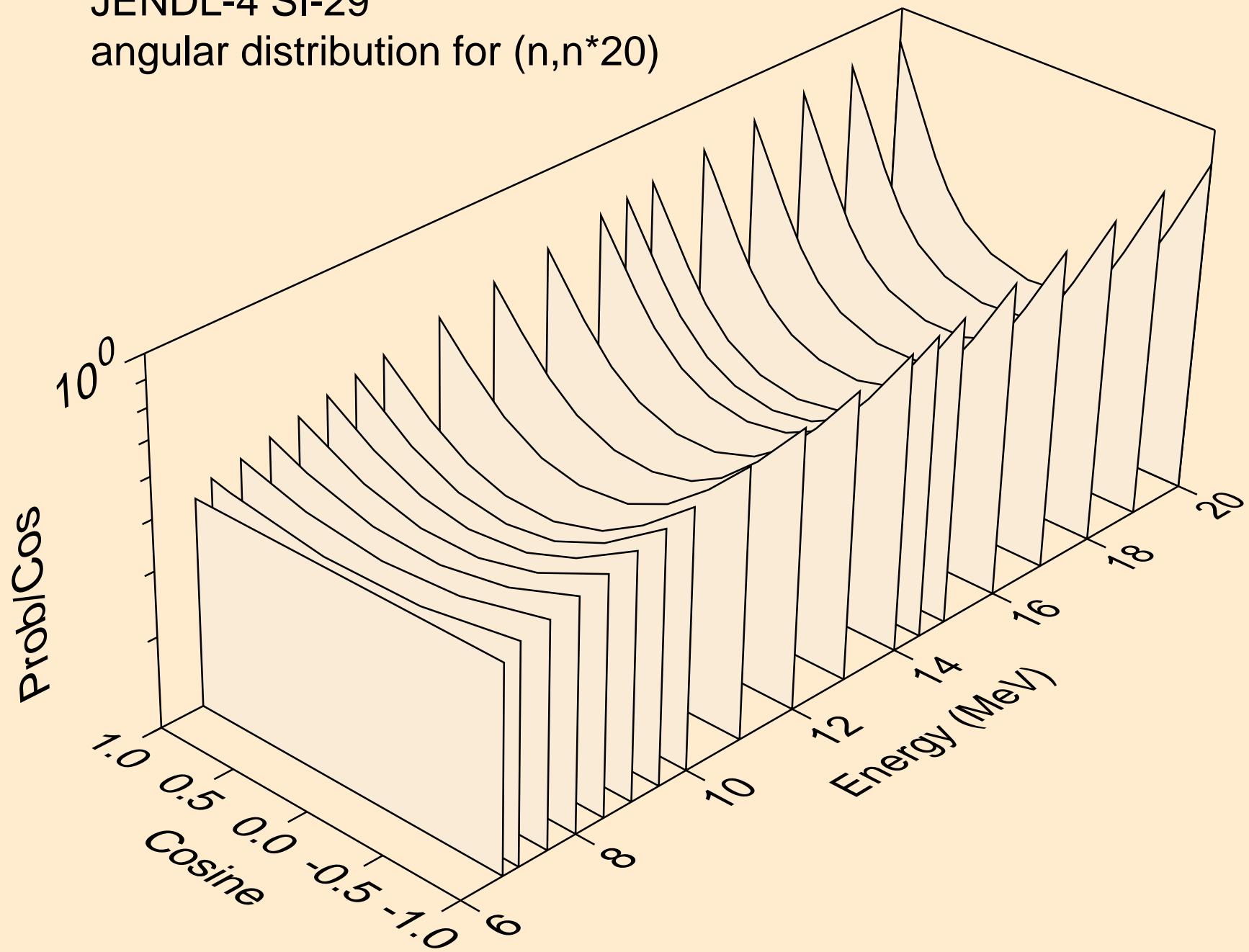
JENDL-4 SI-29  
angular distribution for  $(n,n^*18)$



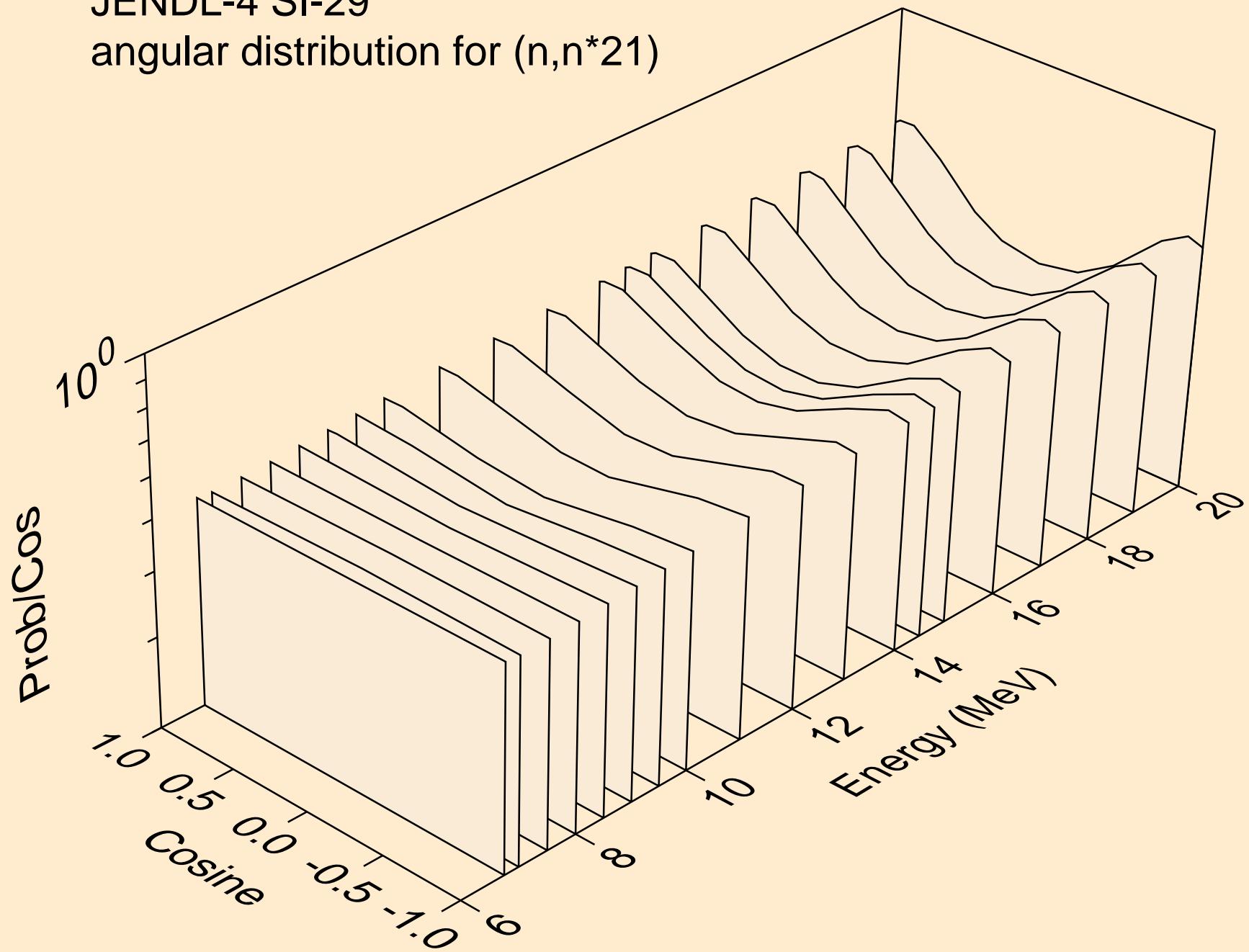
JENDL-4 SI-29  
angular distribution for  $(n,n^*19)$



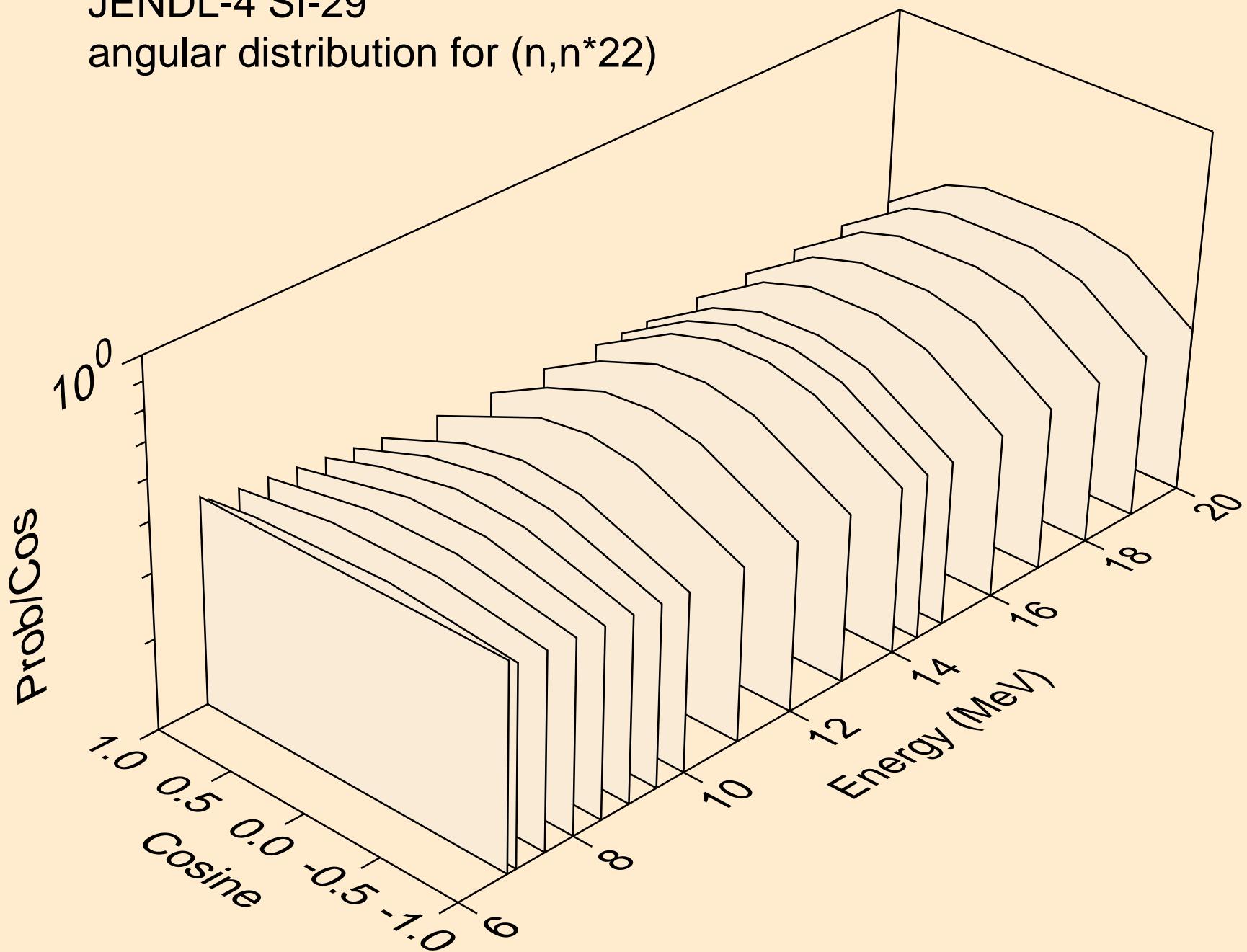
JENDL-4 SI-29  
angular distribution for  $(n,n^*20)$



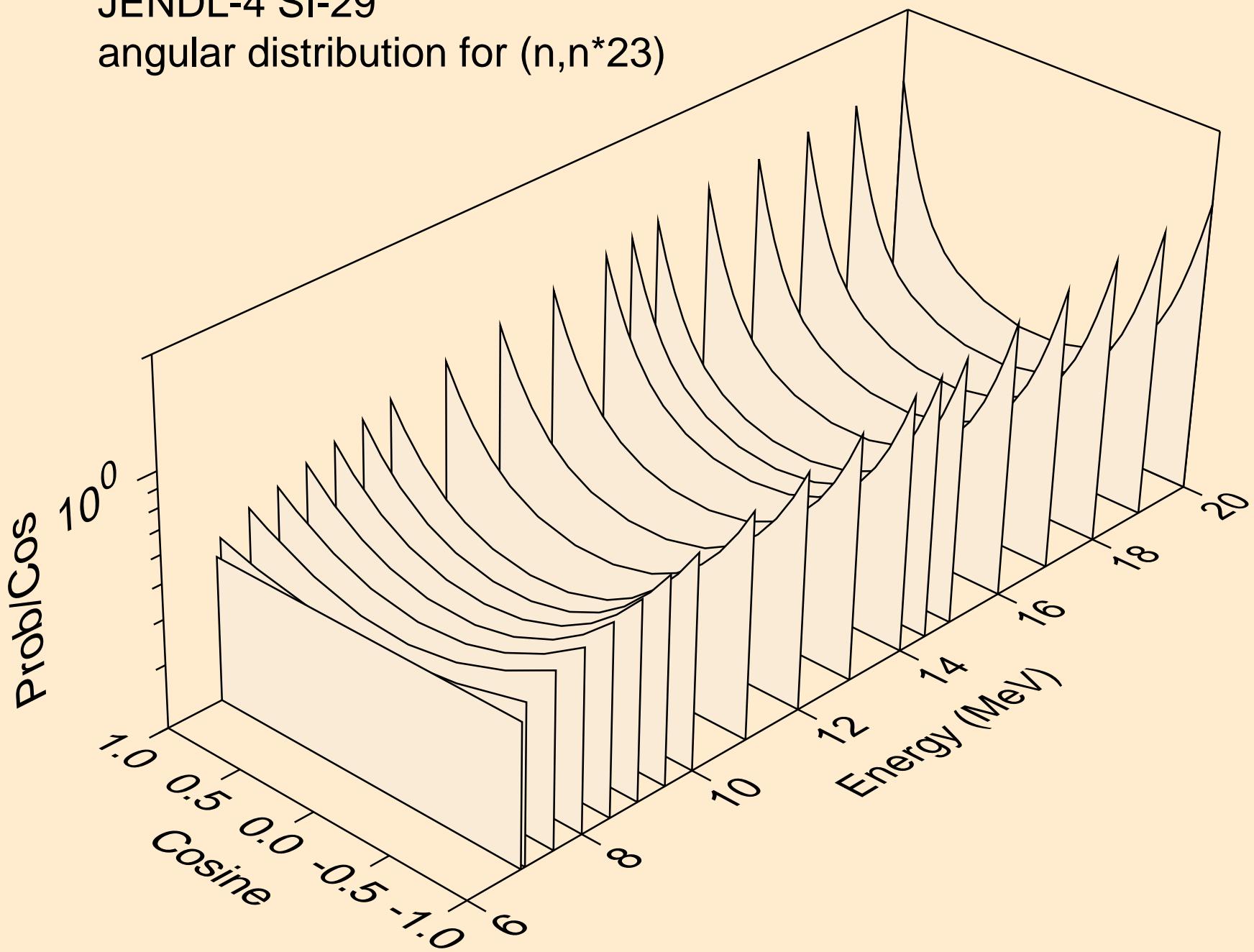
JENDL-4 SI-29  
angular distribution for  $(n,n^*21)$



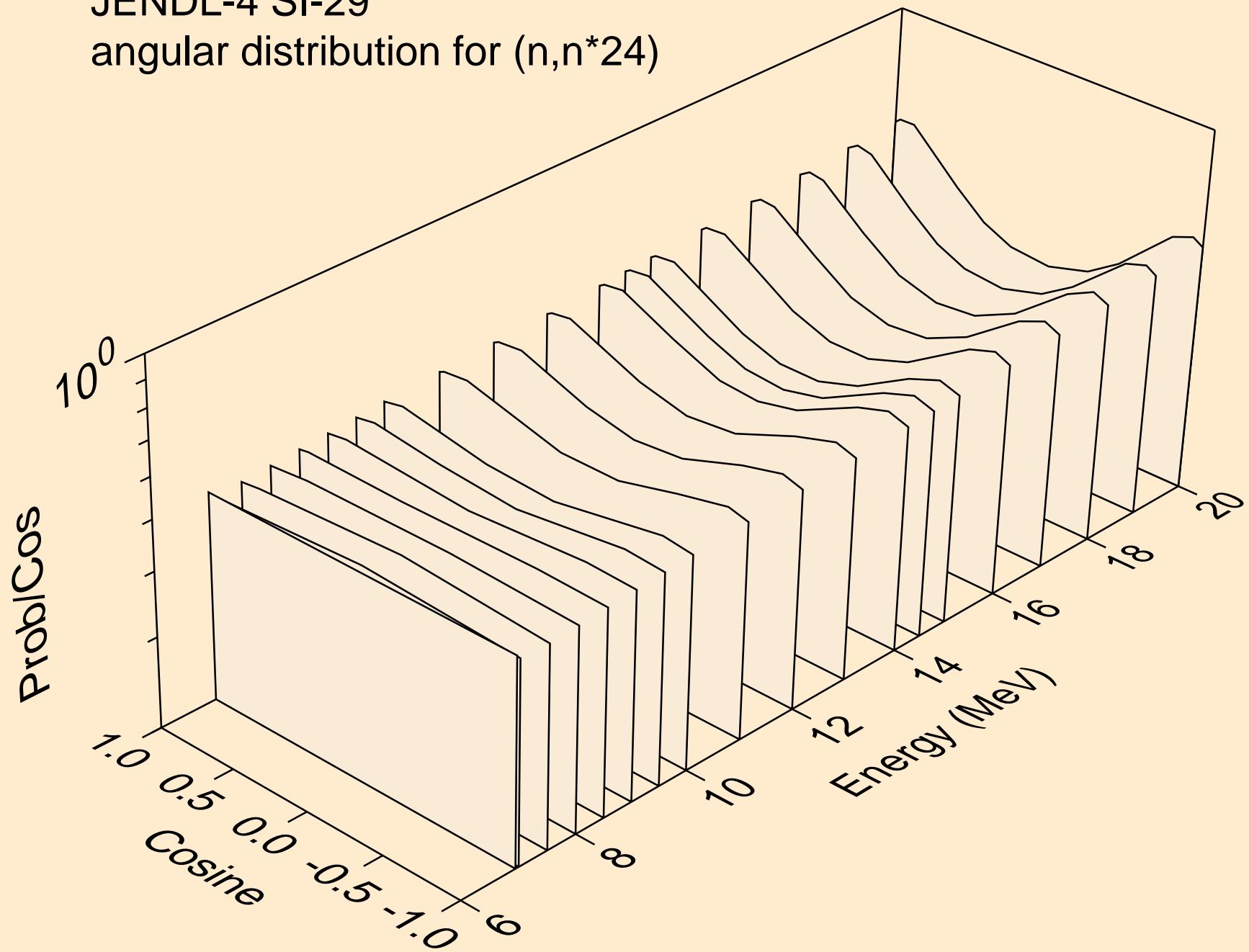
JENDL-4 SI-29  
angular distribution for  $(n,n^*22)$



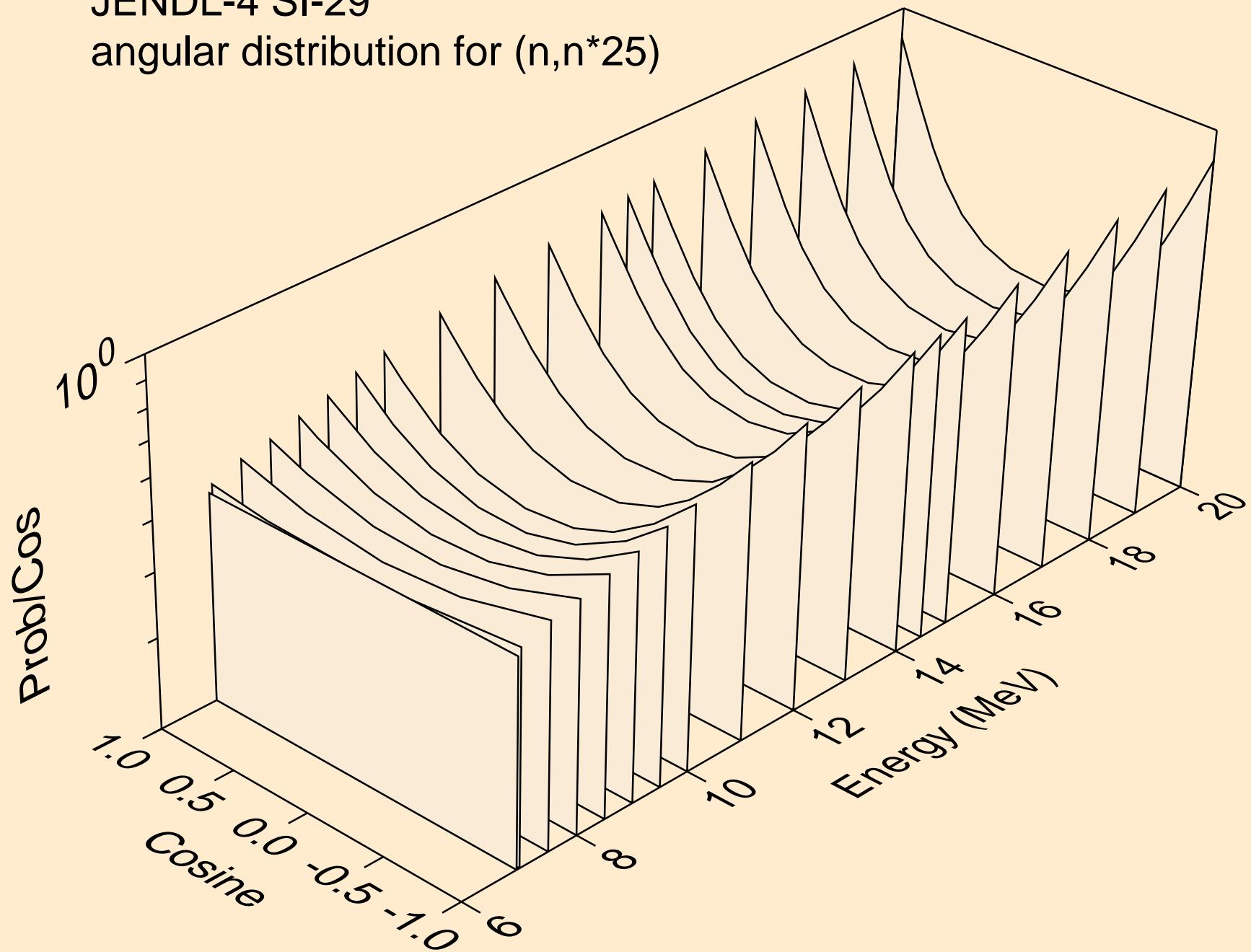
JENDL-4 SI-29  
angular distribution for  $(n,n^*23)$



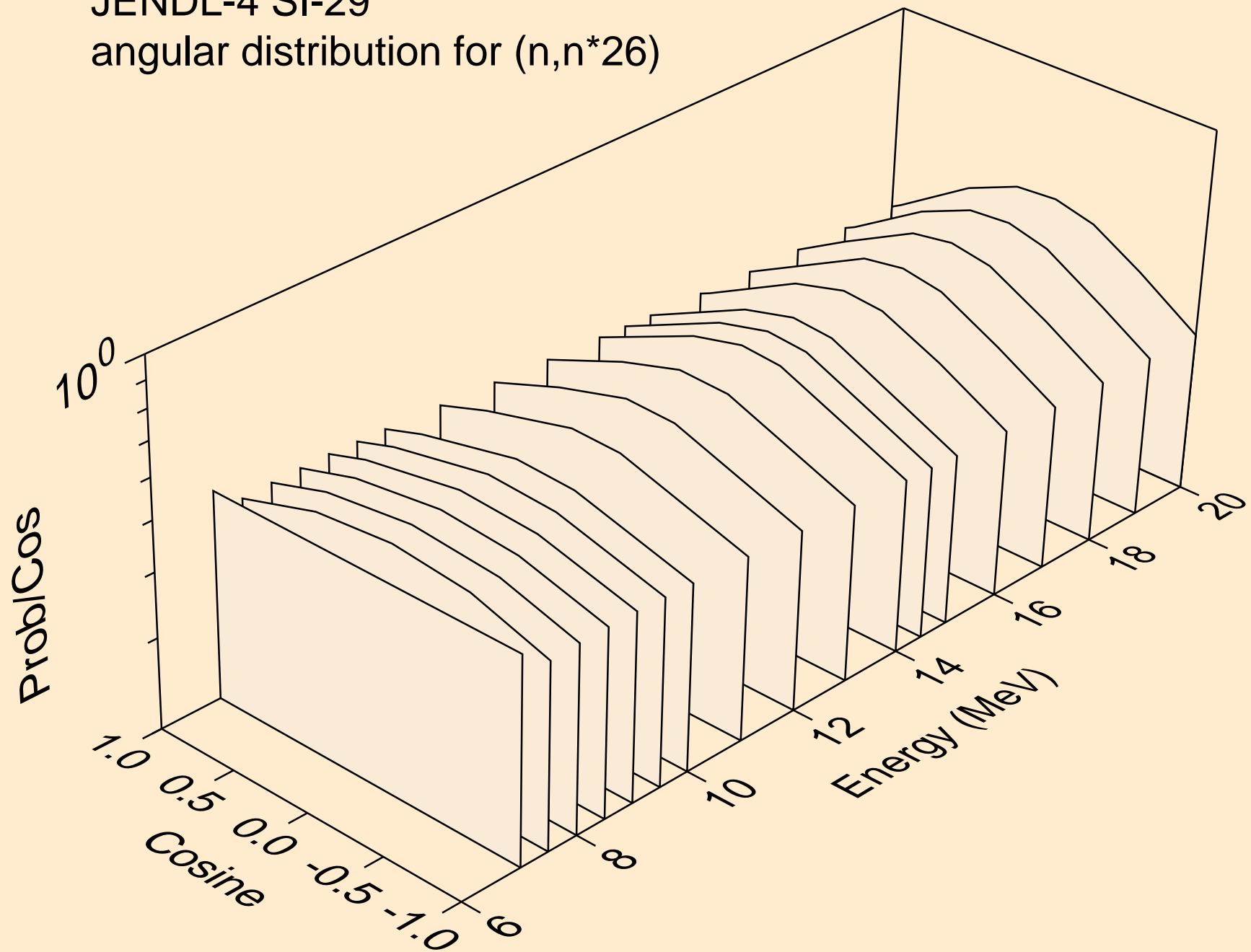
JENDL-4 SI-29  
angular distribution for  $(n,n^*24)$



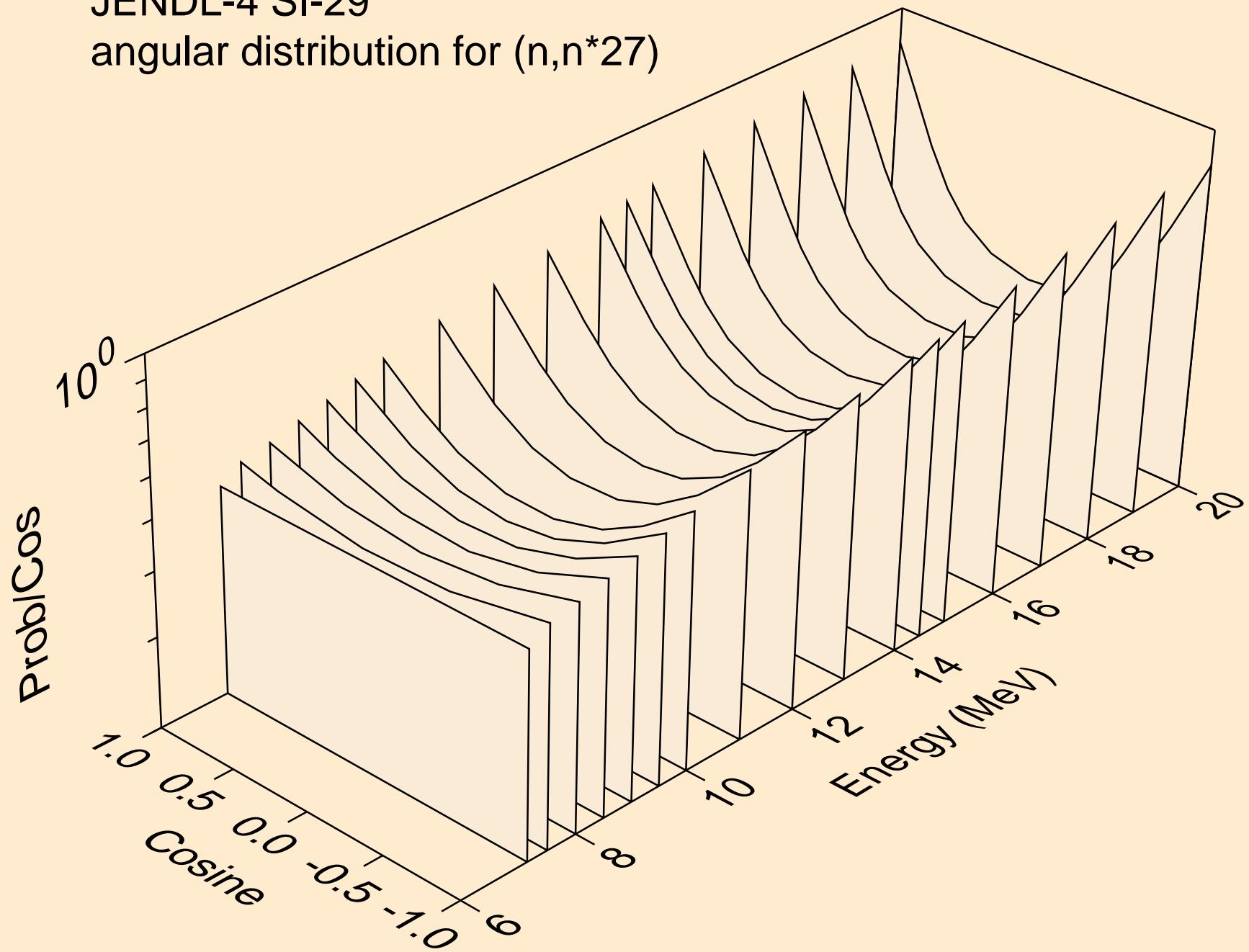
JENDL-4 SI-29  
angular distribution for  $(n,n^*25)$



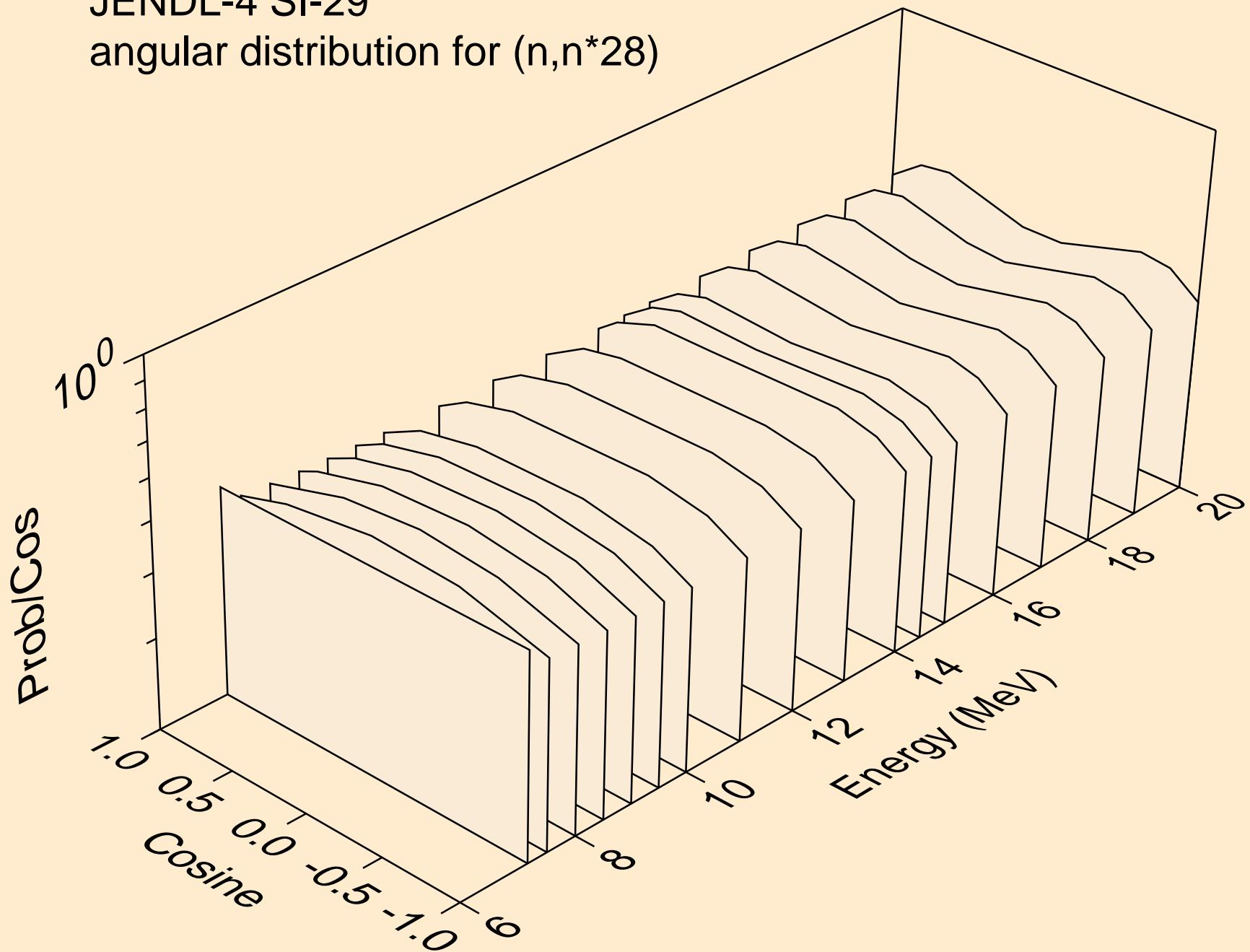
JENDL-4 SI-29  
angular distribution for  $(n,n^*26)$



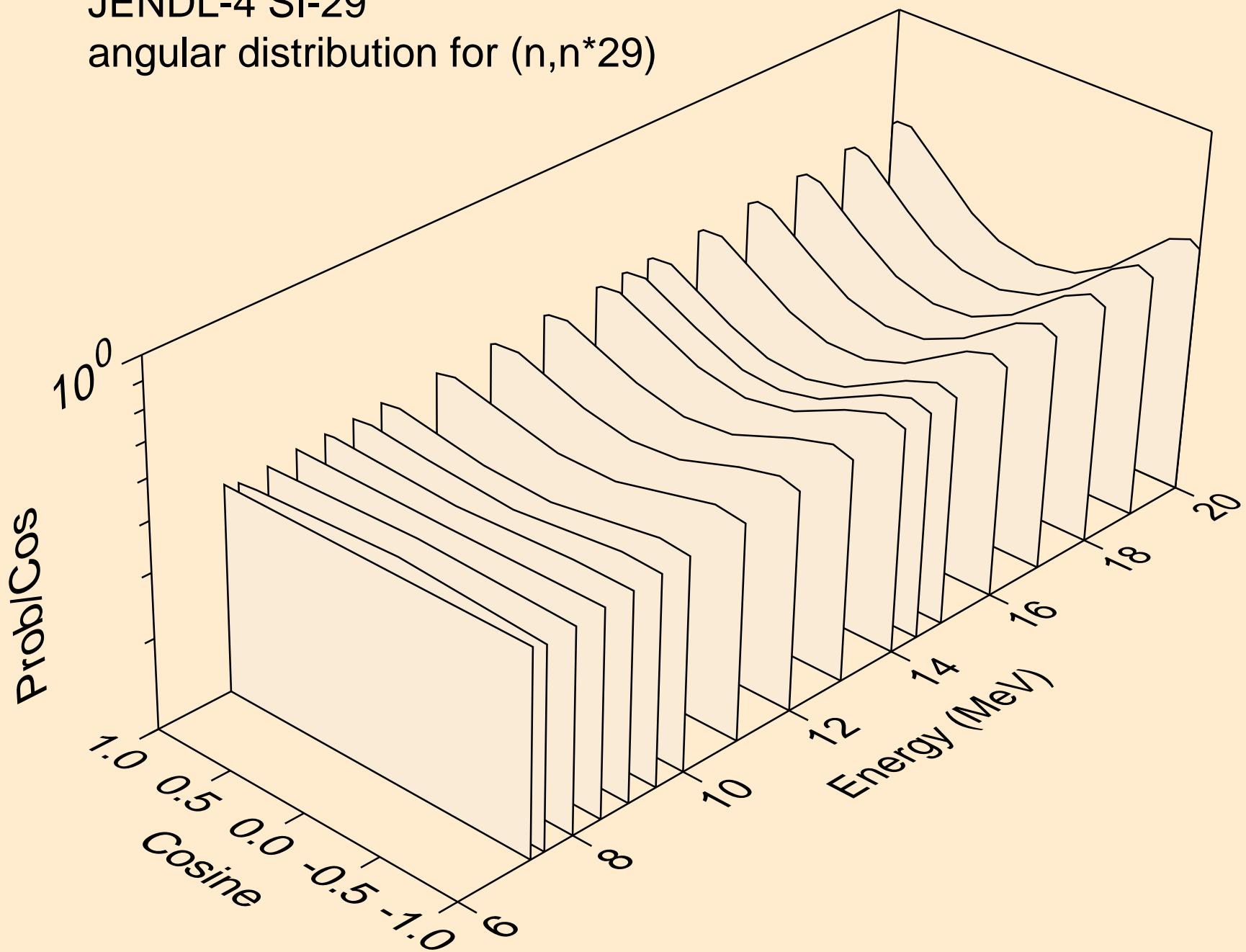
JENDL-4 SI-29  
angular distribution for  $(n,n^*27)$



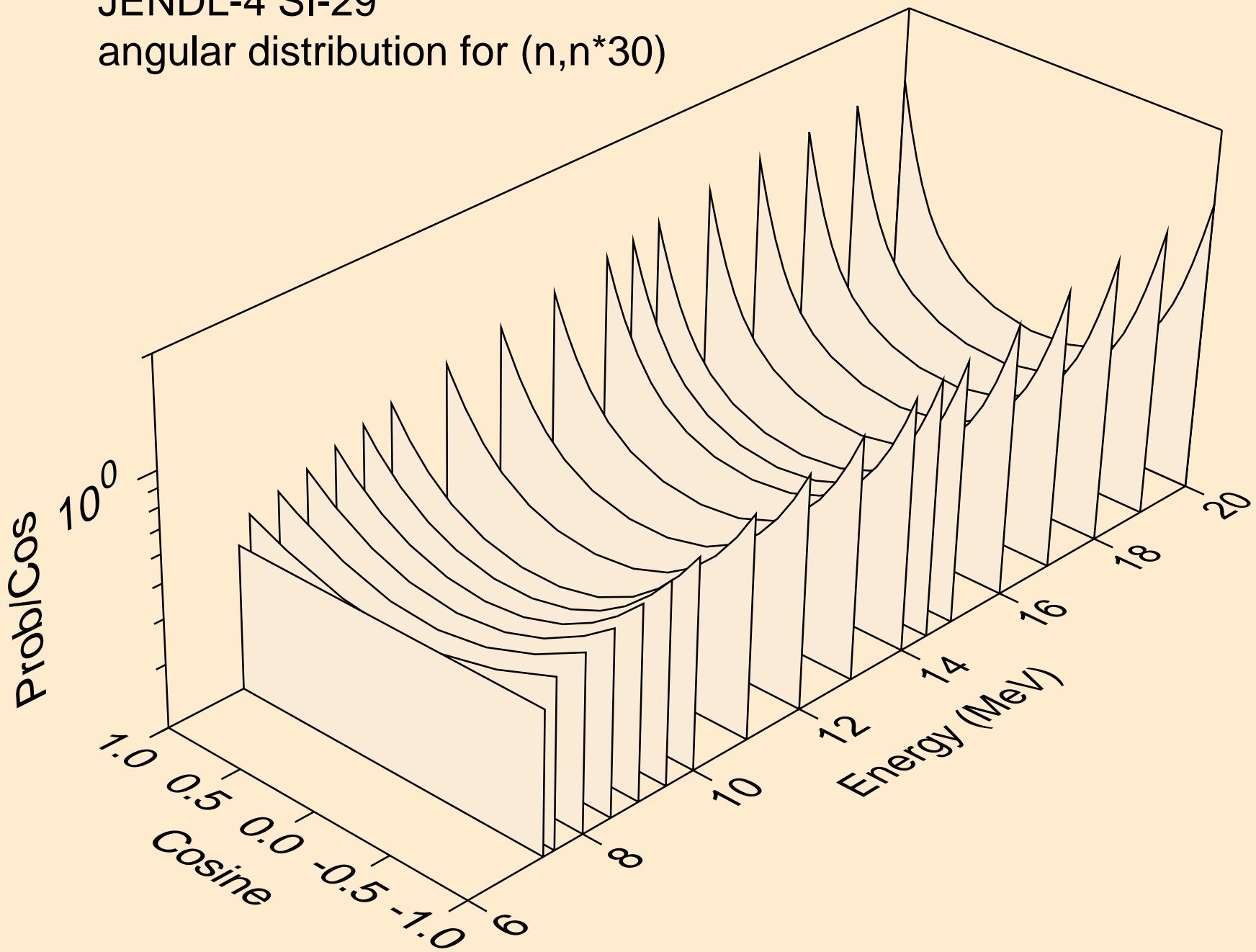
JENDL-4 SI-29  
angular distribution for  $(n,n^*28)$



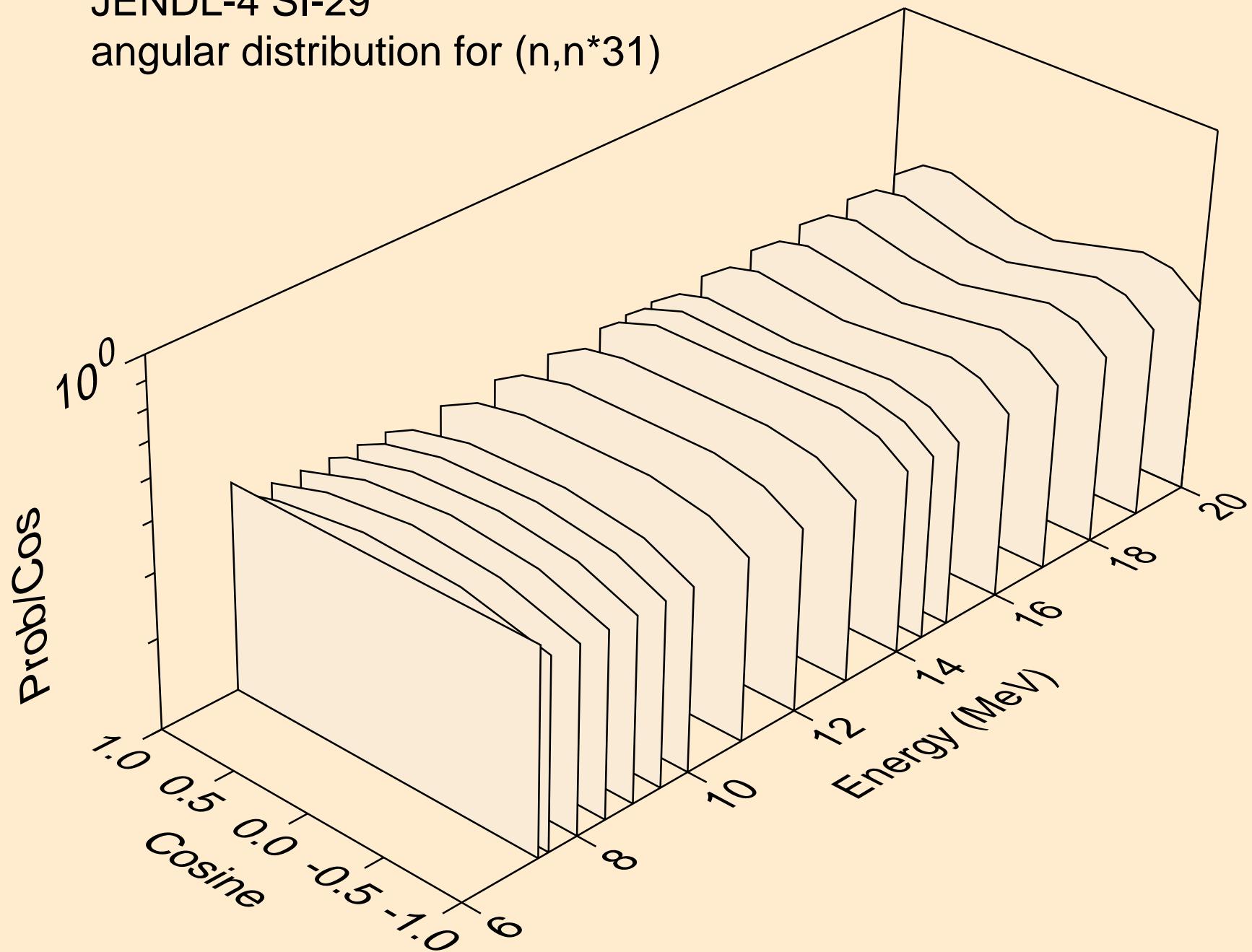
JENDL-4 SI-29  
angular distribution for  $(n,n^*29)$



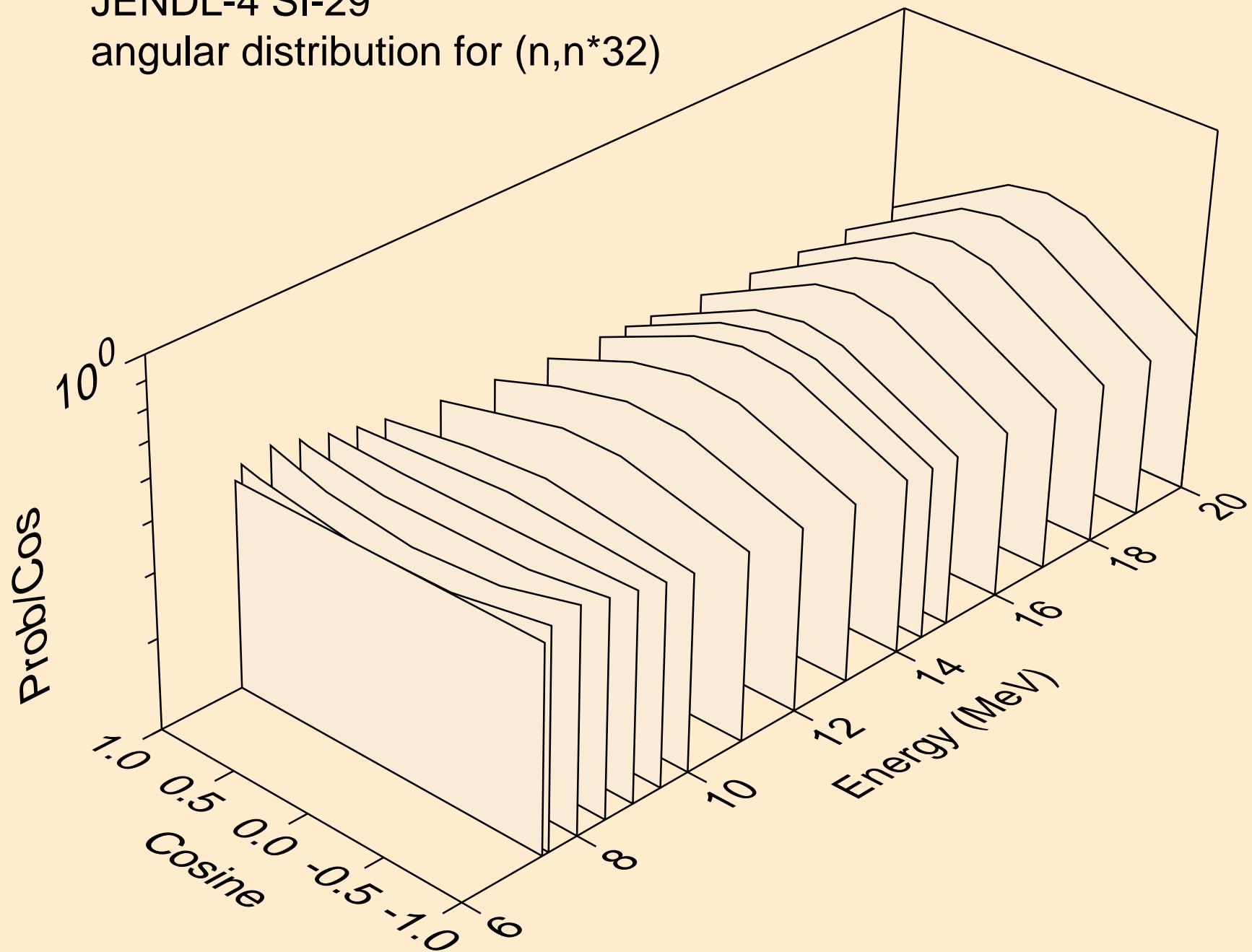
JENDL-4 SI-29  
angular distribution for  $(n,n^*)30$



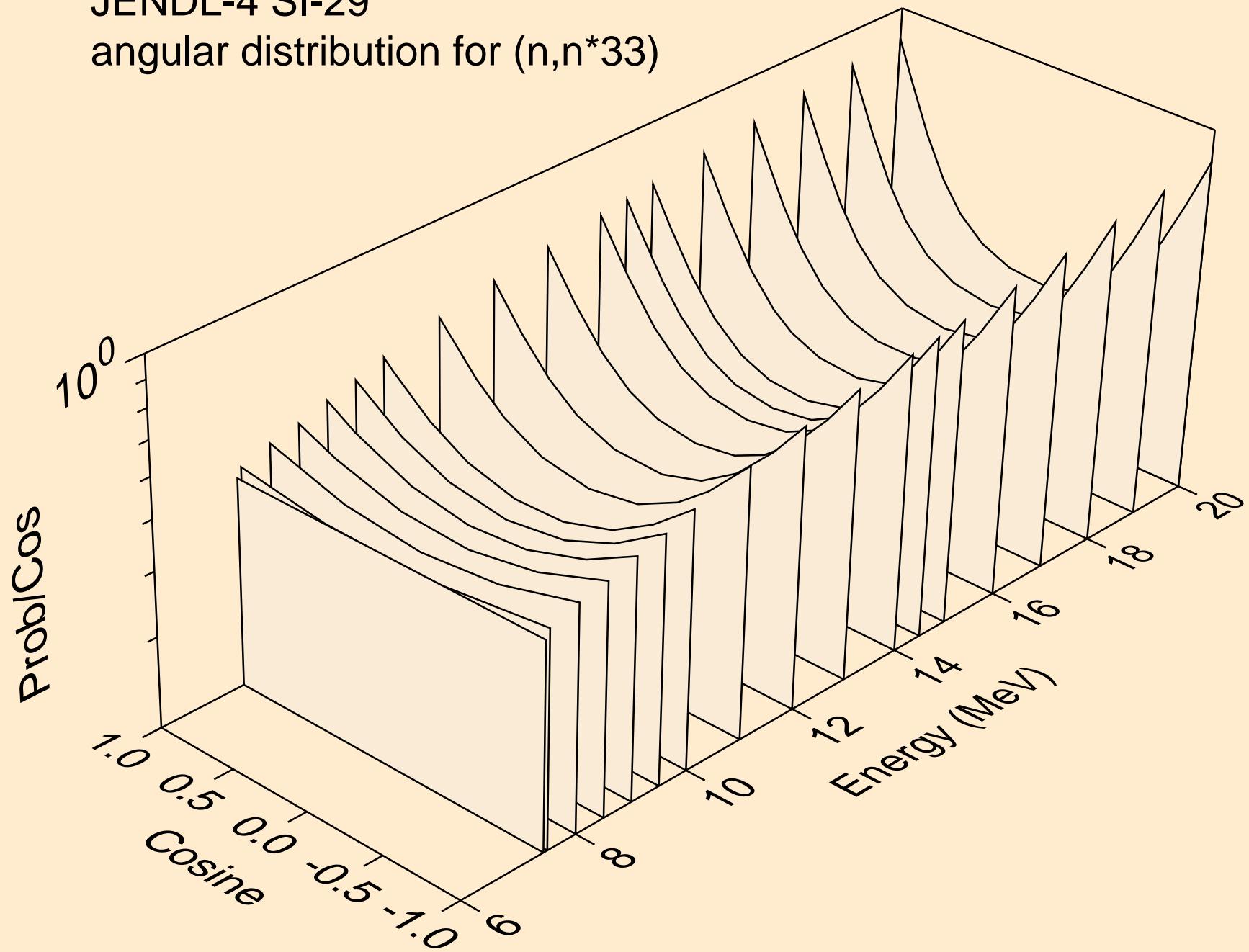
JENDL-4 SI-29  
angular distribution for  $(n,n^*31)$



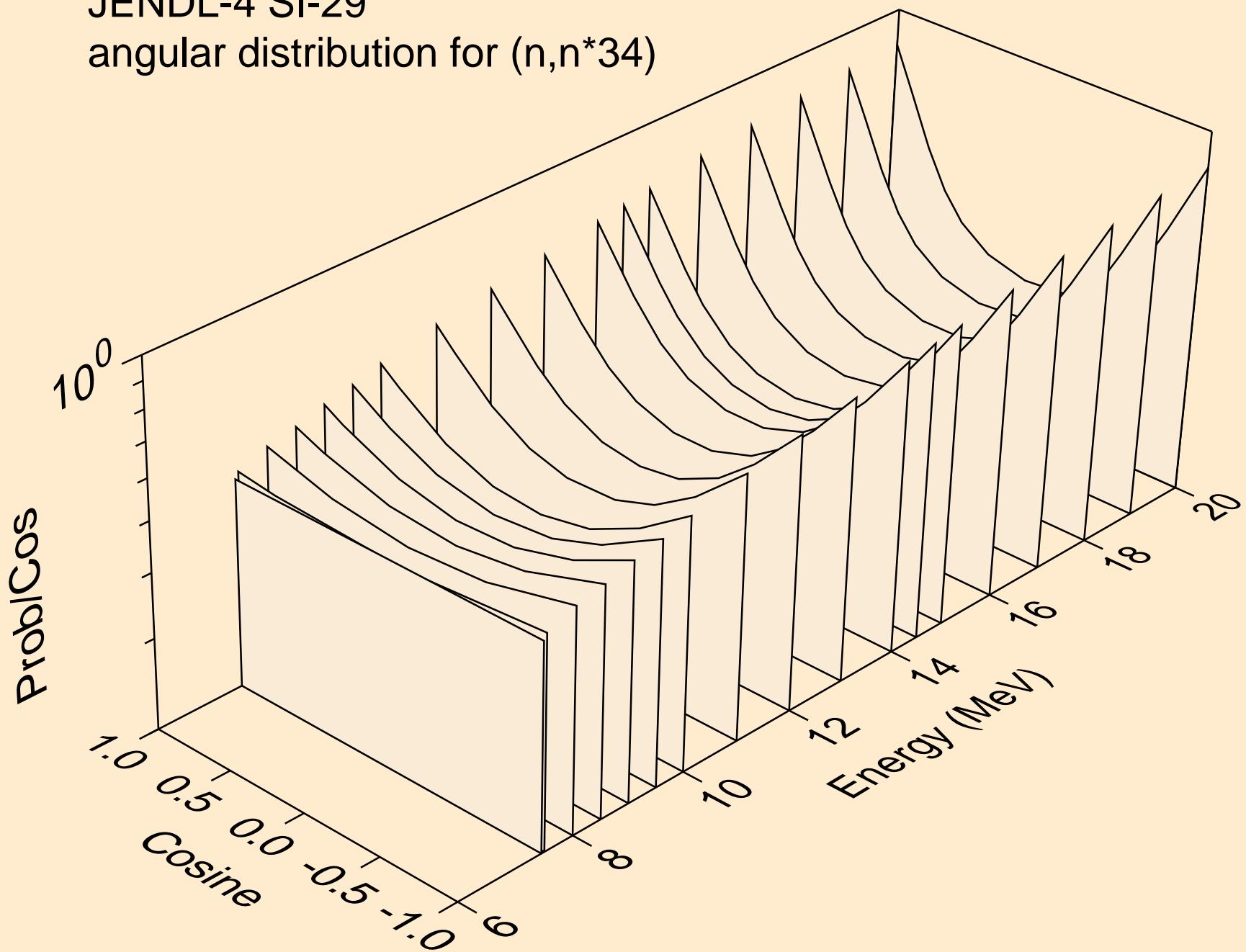
JENDL-4 SI-29  
angular distribution for  $(n,n^*32)$



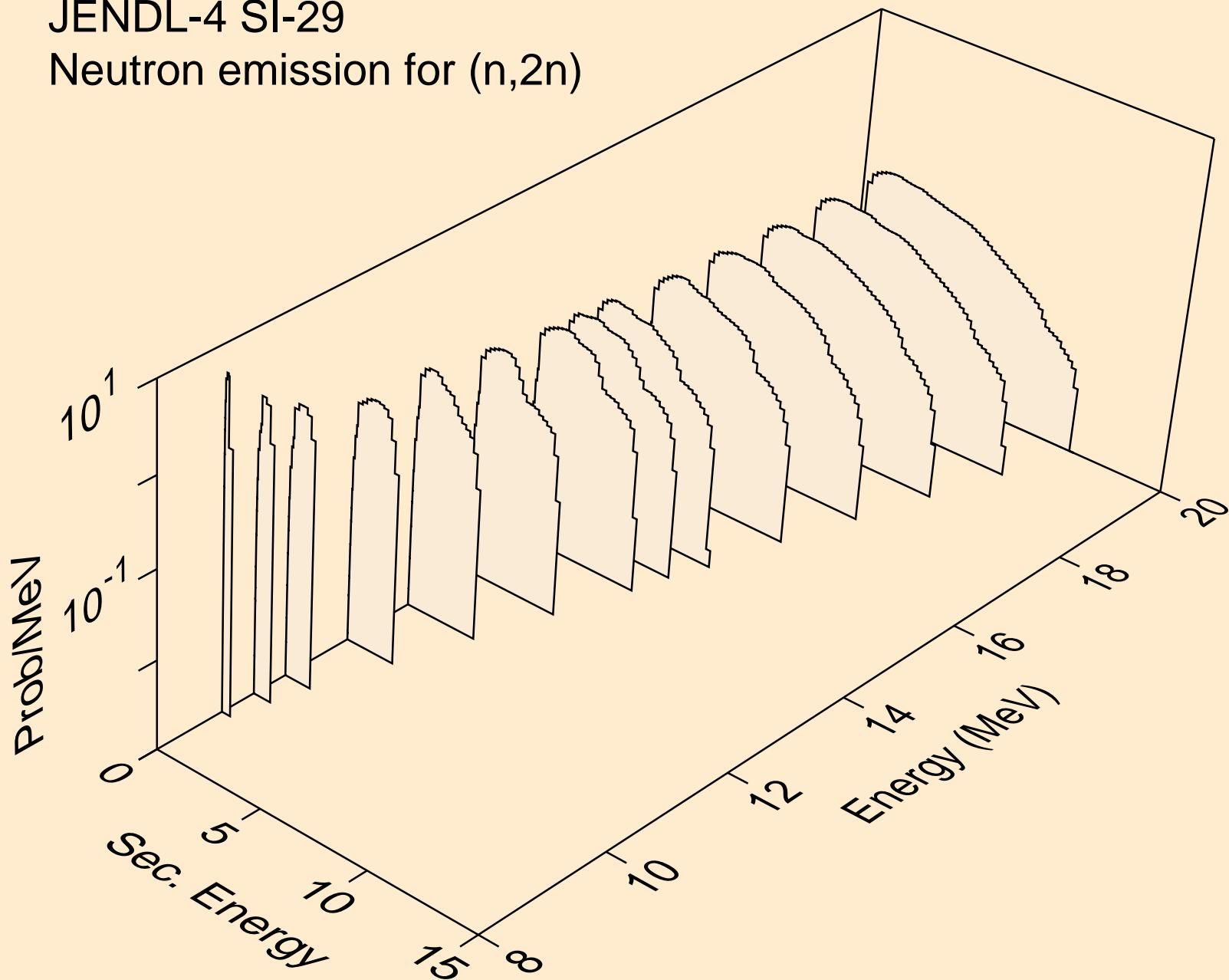
JENDL-4 SI-29  
angular distribution for  $(n,n^*33)$



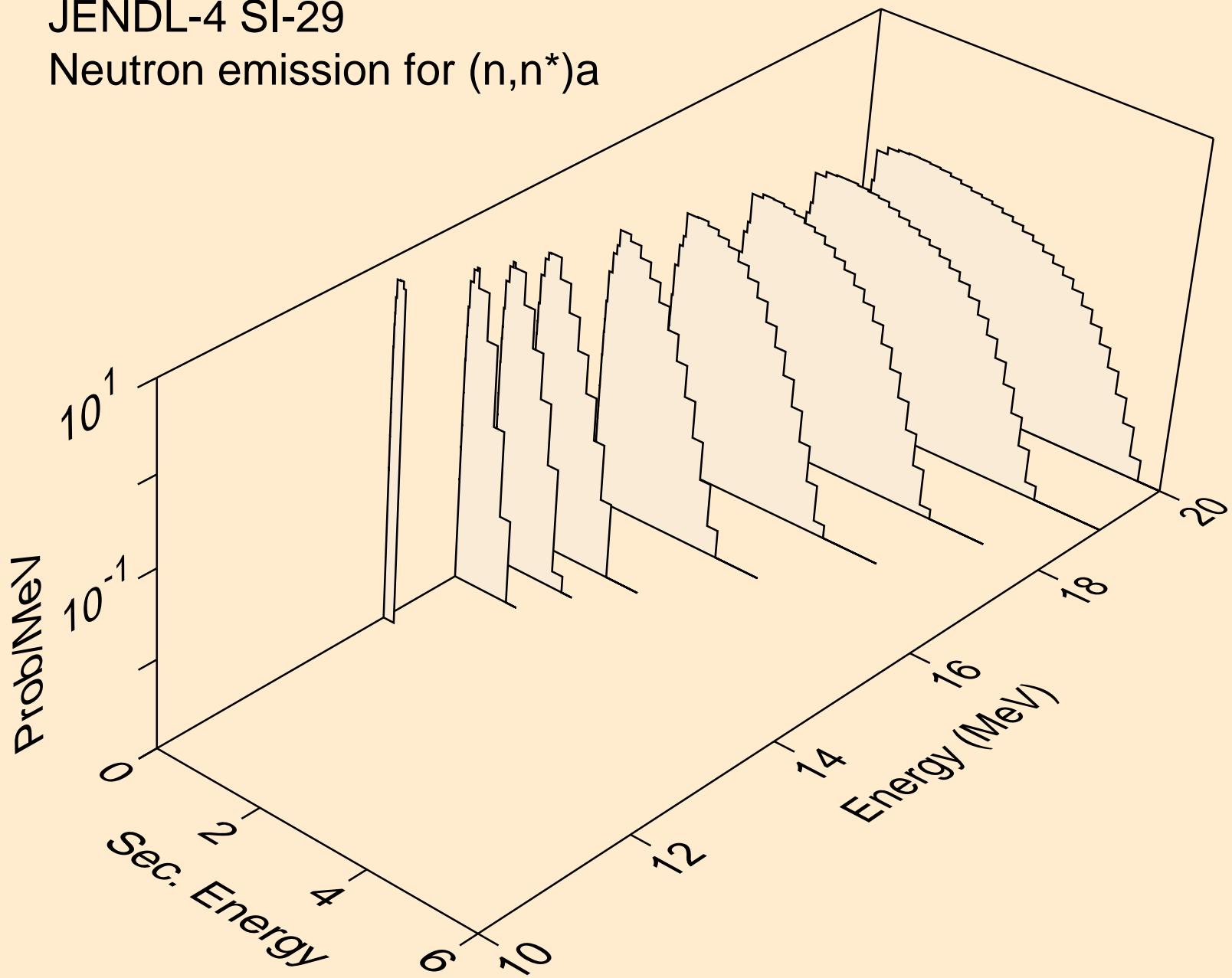
JENDL-4 SI-29  
angular distribution for  $(n,n^*34)$



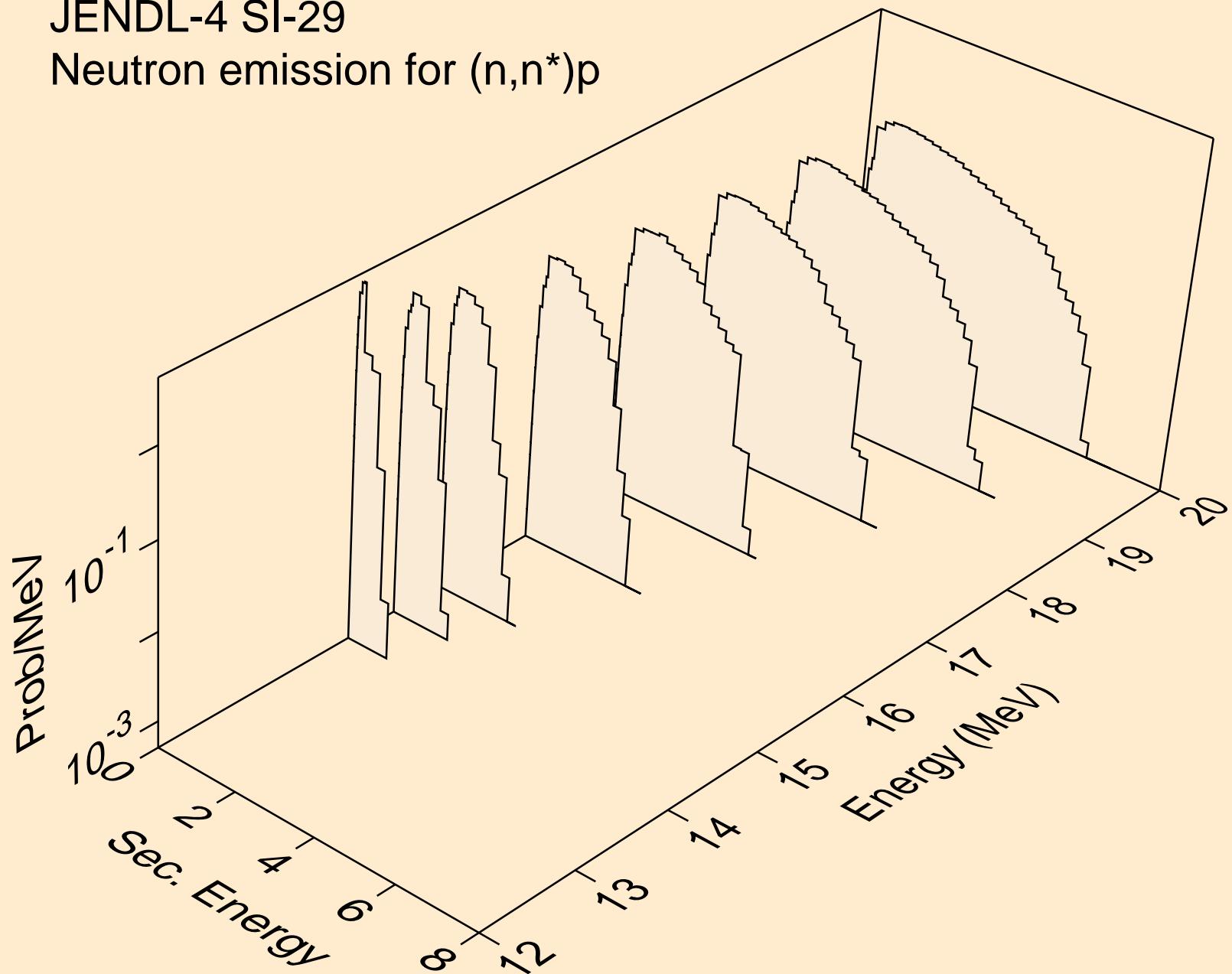
JENDL-4 SI-29  
Neutron emission for  $(n,2n)$



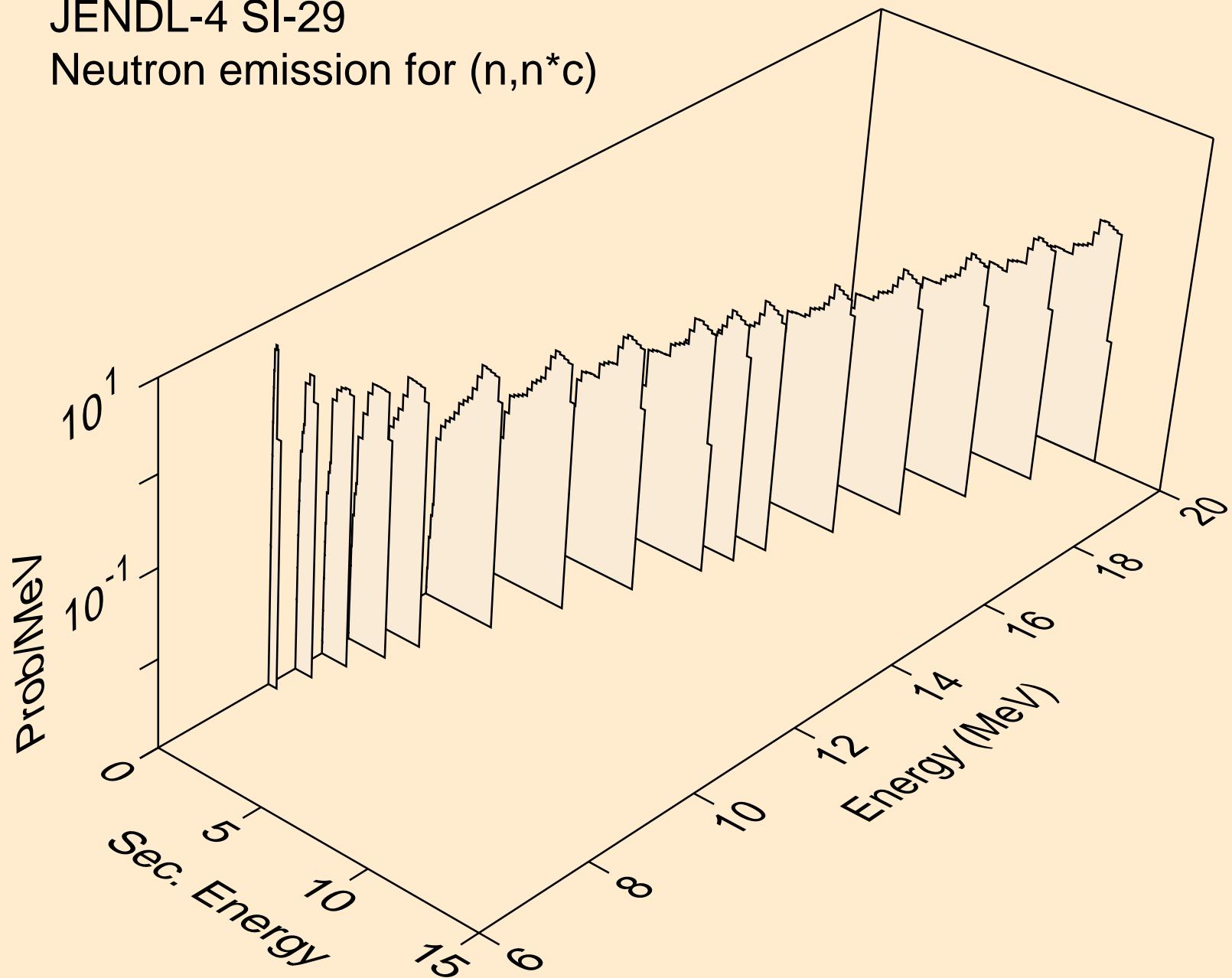
JENDL-4 SI-29  
Neutron emission for  $(n,n^*)a$



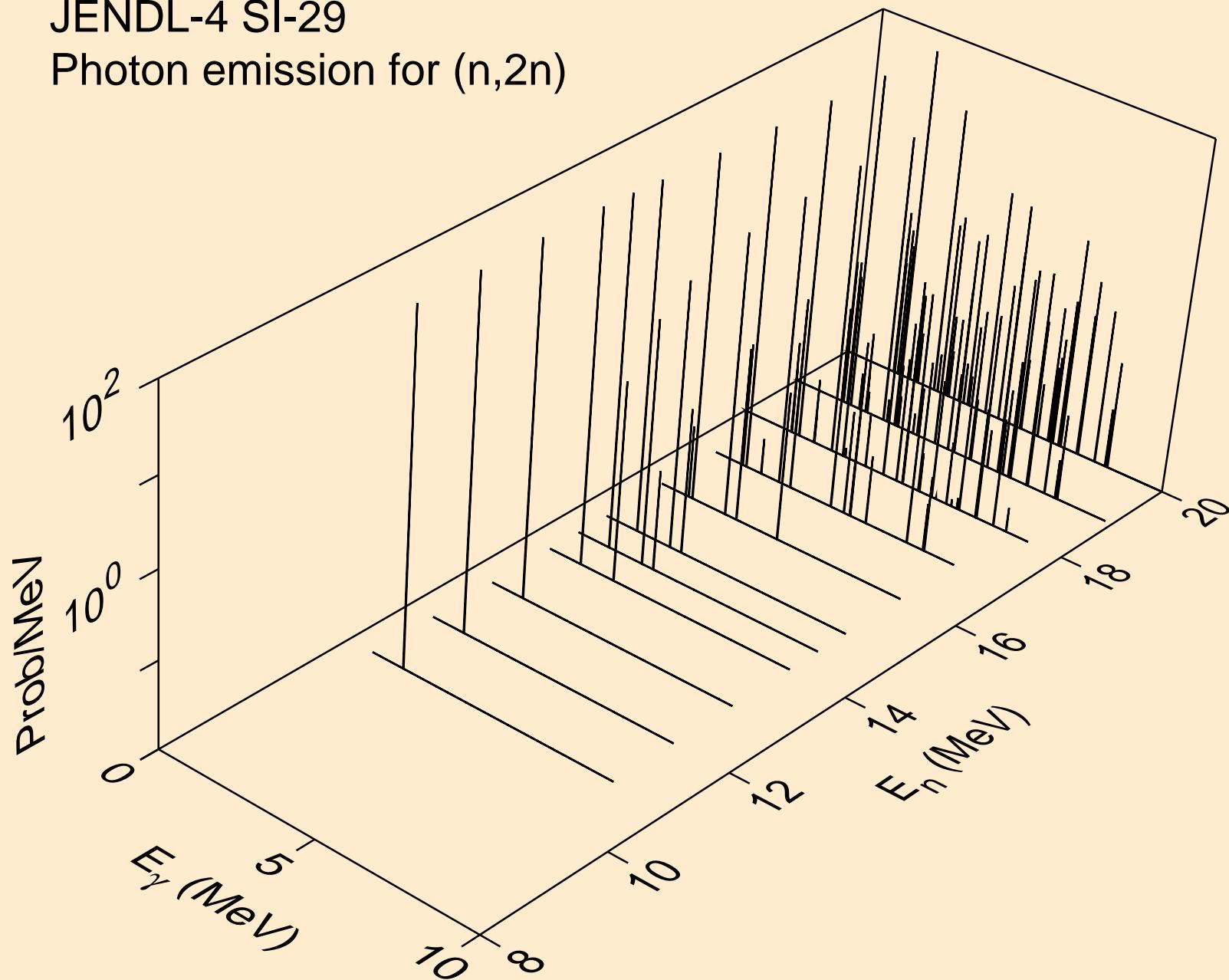
JENDL-4 SI-29  
Neutron emission for  $(n,n^*)p$



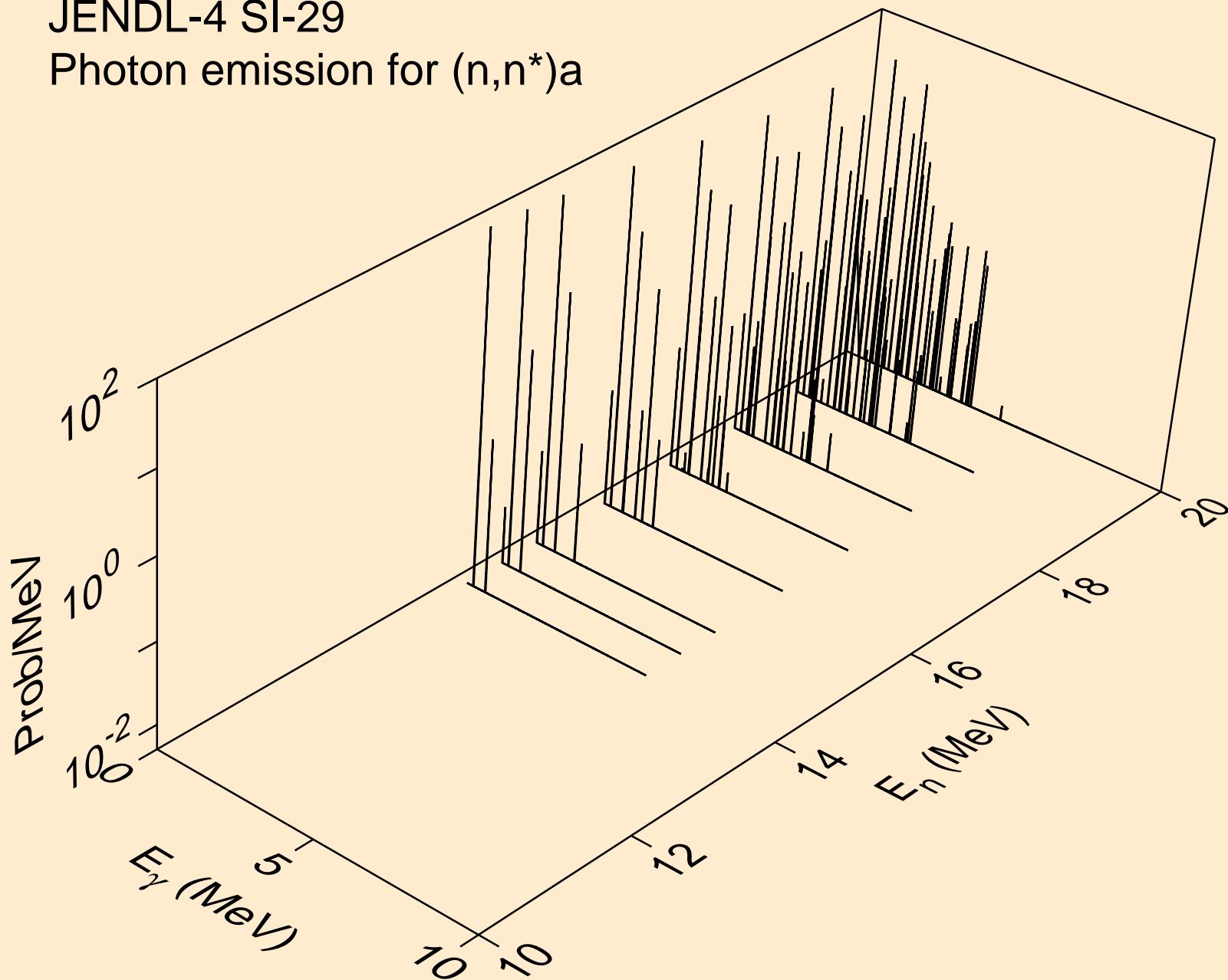
JENDL-4 SI-29  
Neutron emission for  $(n, n^* c)$



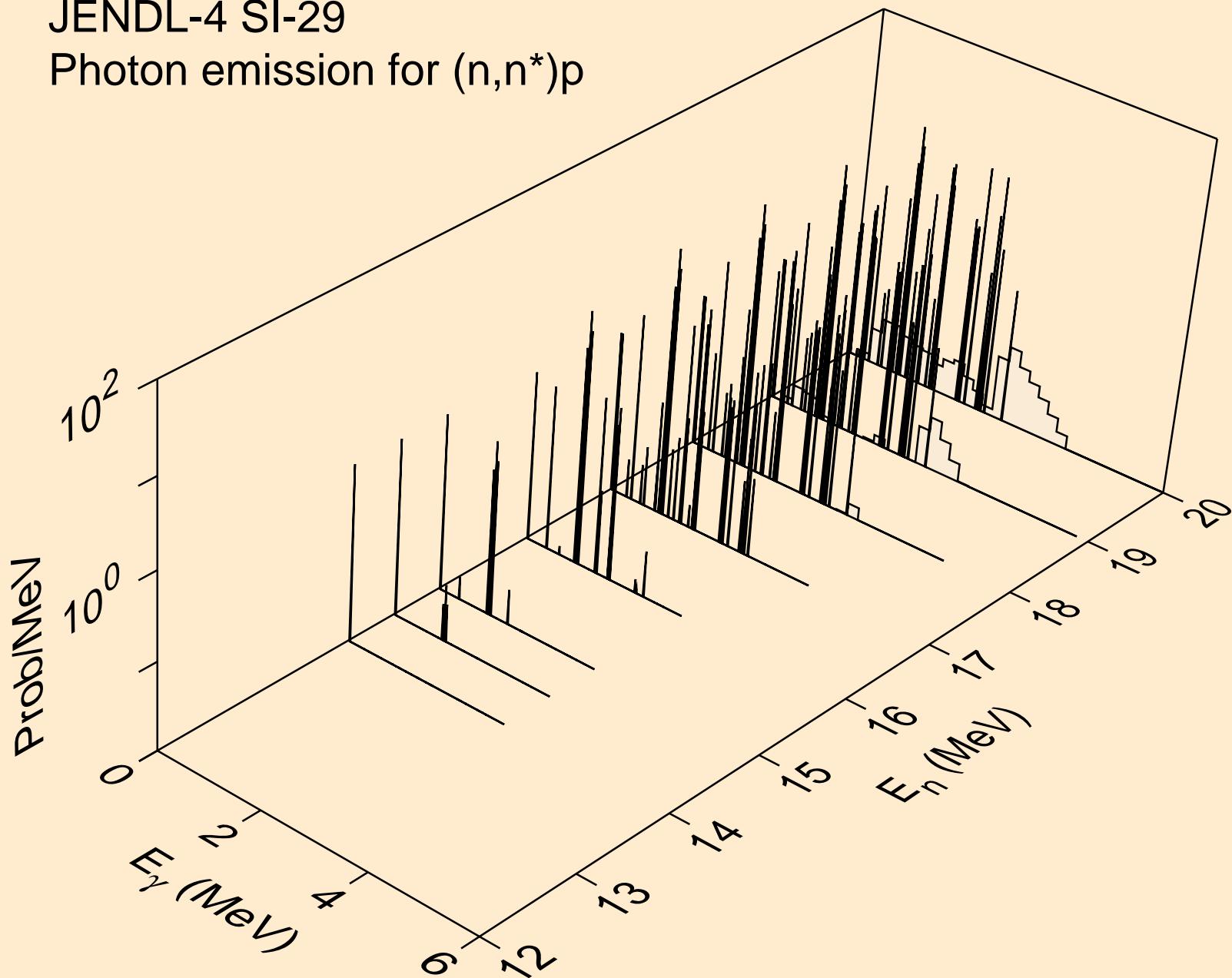
JENDL-4 SI-29  
Photon emission for (n,2n)



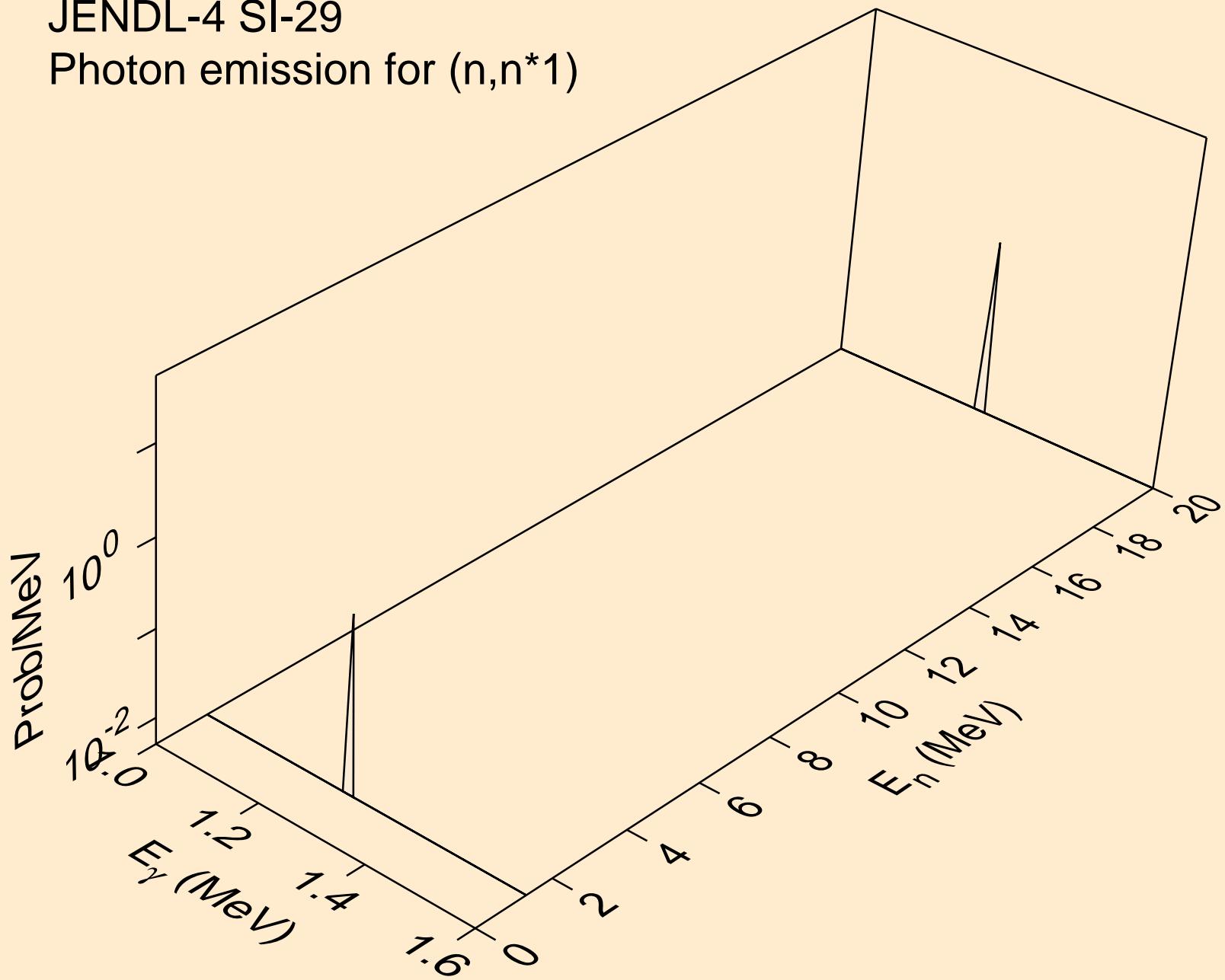
JENDL-4 SI-29  
Photon emission for  $(n,n^*)a$



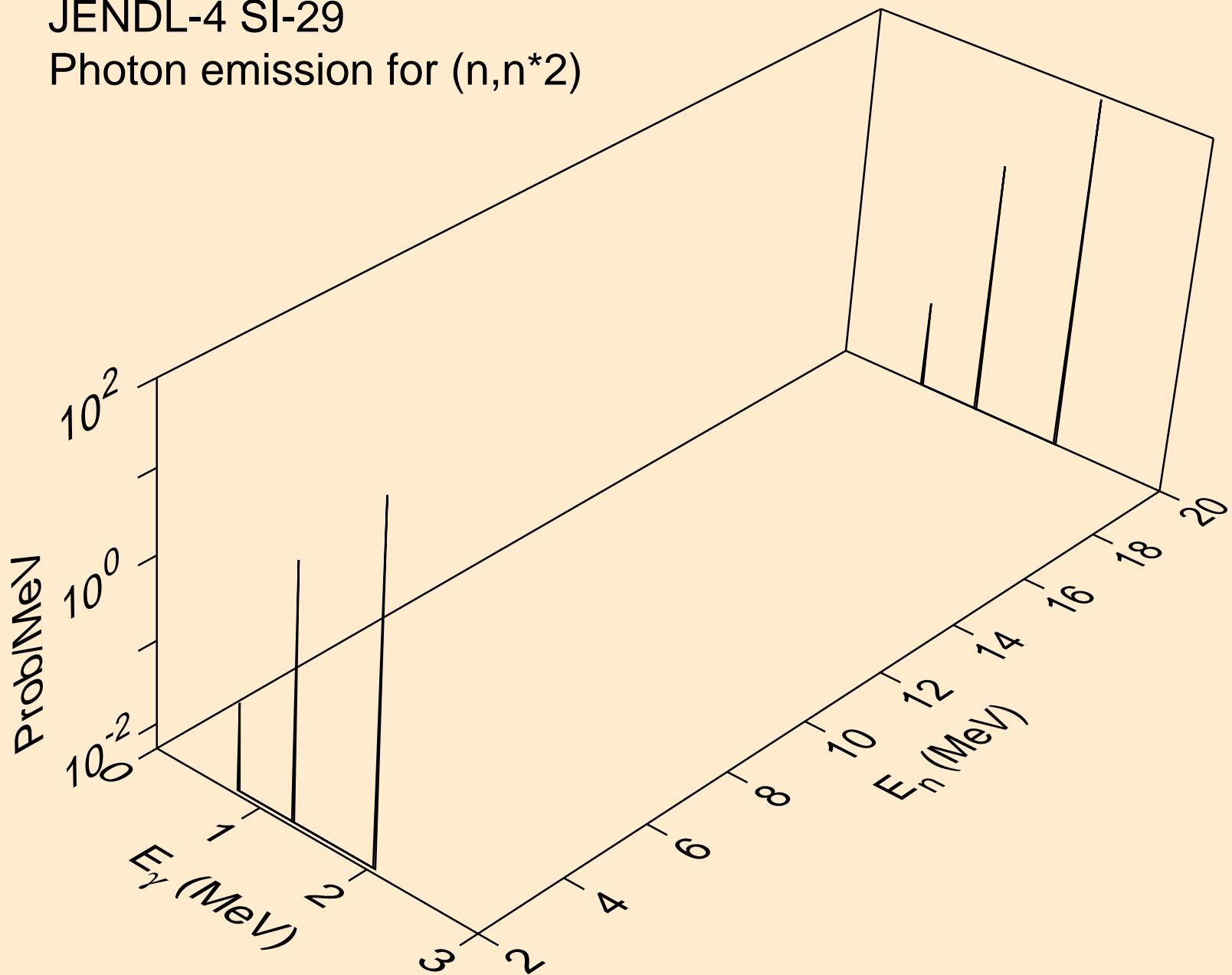
JENDL-4 SI-29  
Photon emission for  $(n,n^*)p$



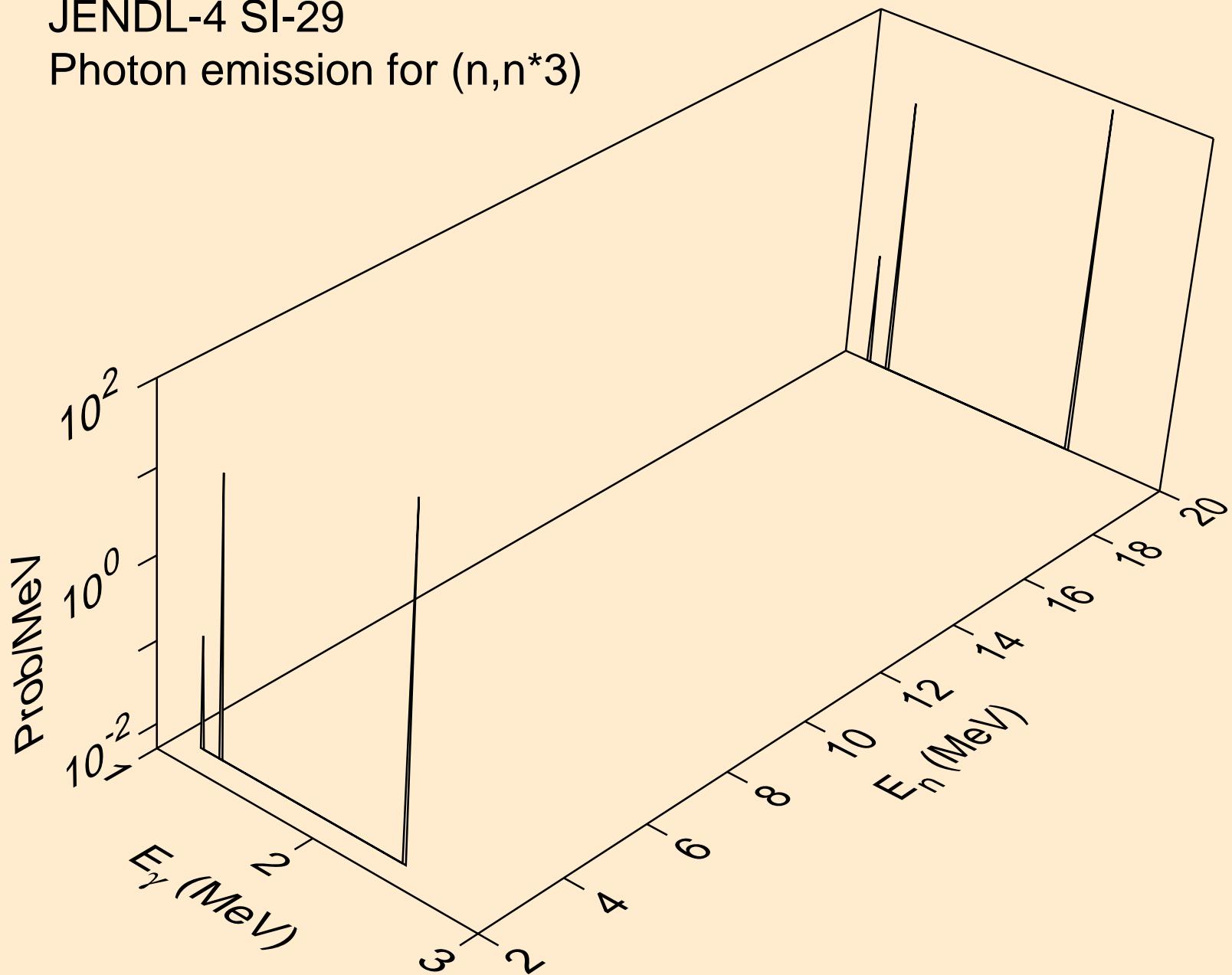
JENDL-4 SI-29  
Photon emission for (n,n\*1)



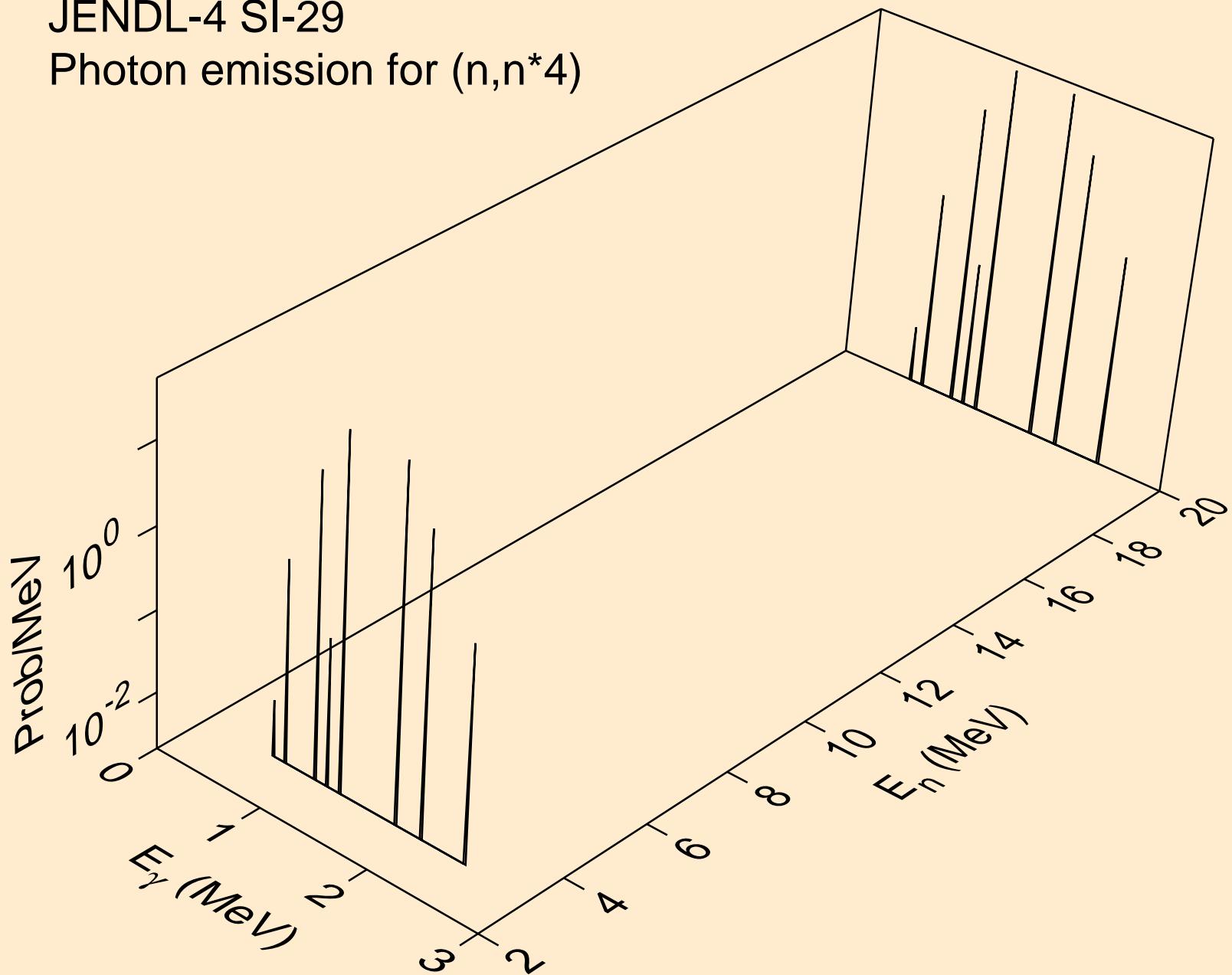
JENDL-4 SI-29  
Photon emission for  $(n,n^*2)$



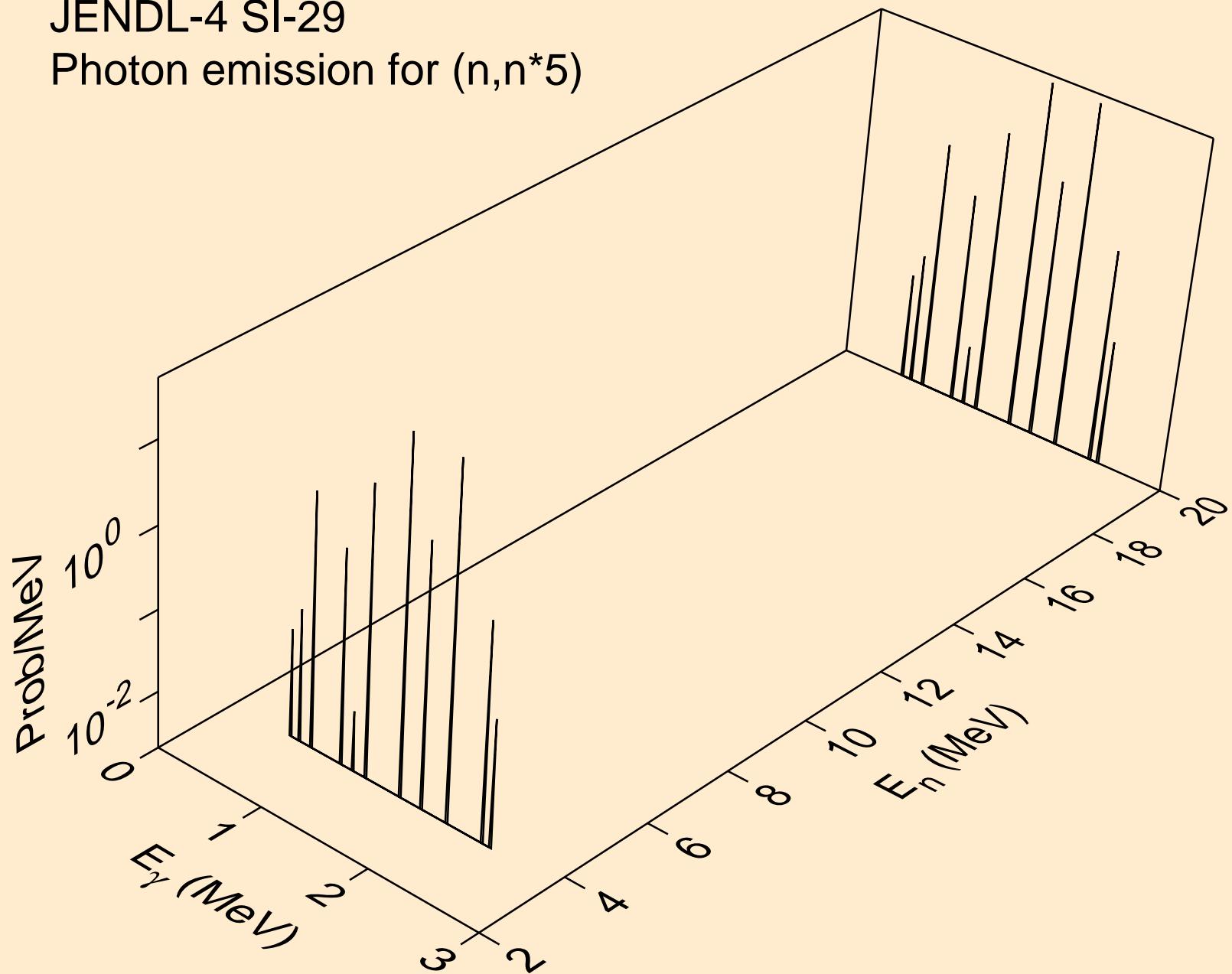
JENDL-4 SI-29  
Photon emission for  $(n,n^*3)$



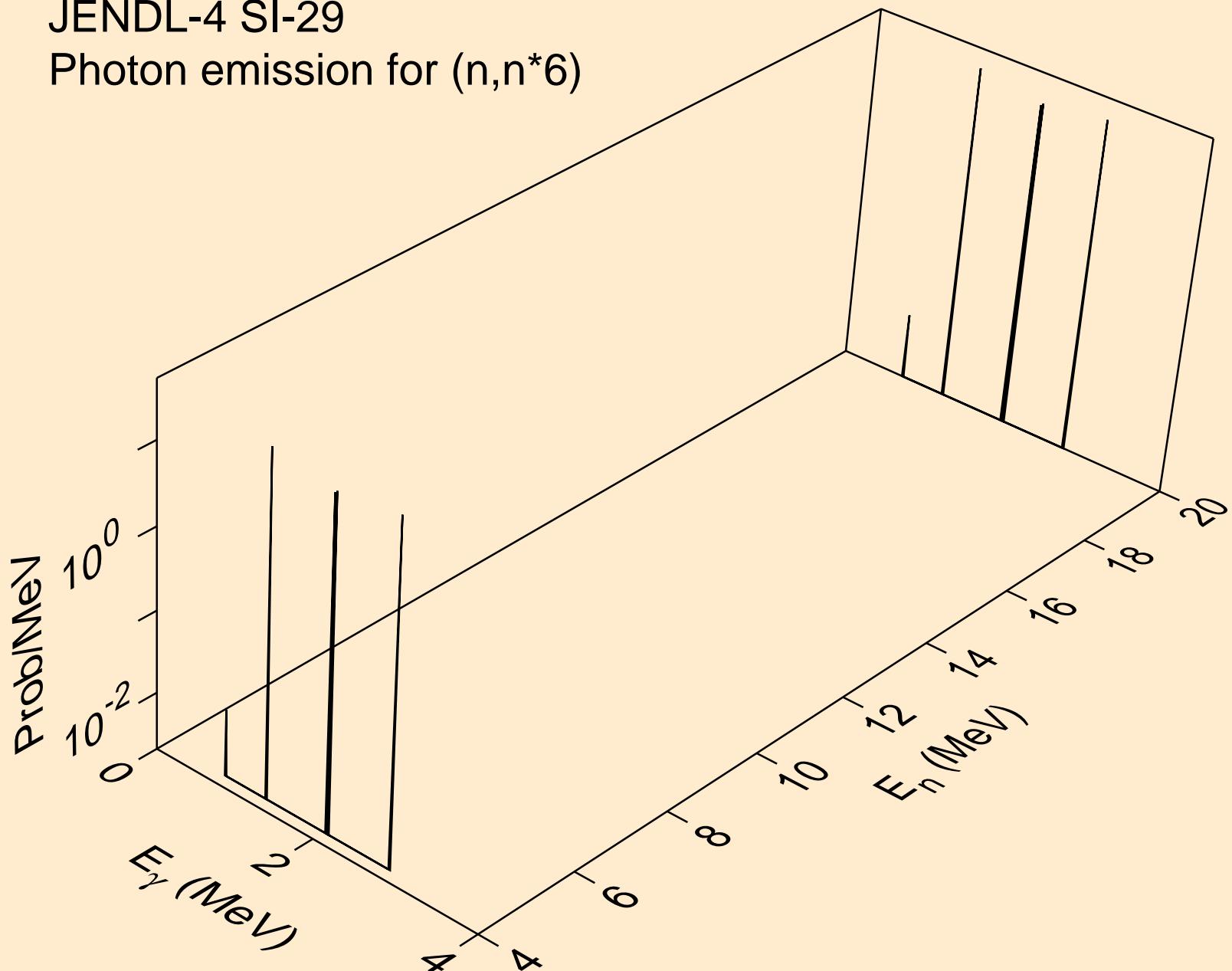
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Photon emission for  $(n,n^*4)$



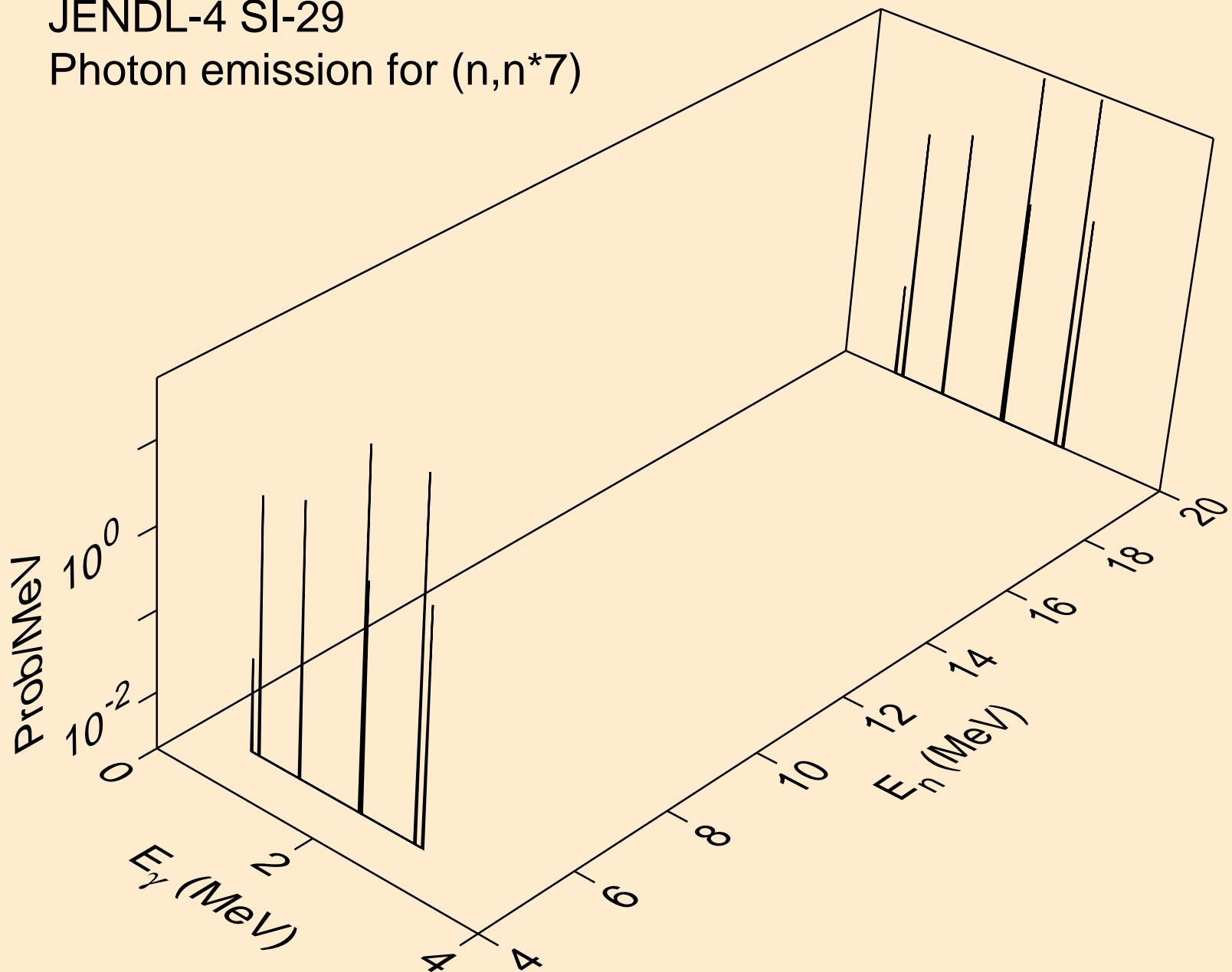
JENDL-4 SI-29  
Photon emission for (n,n\*5)



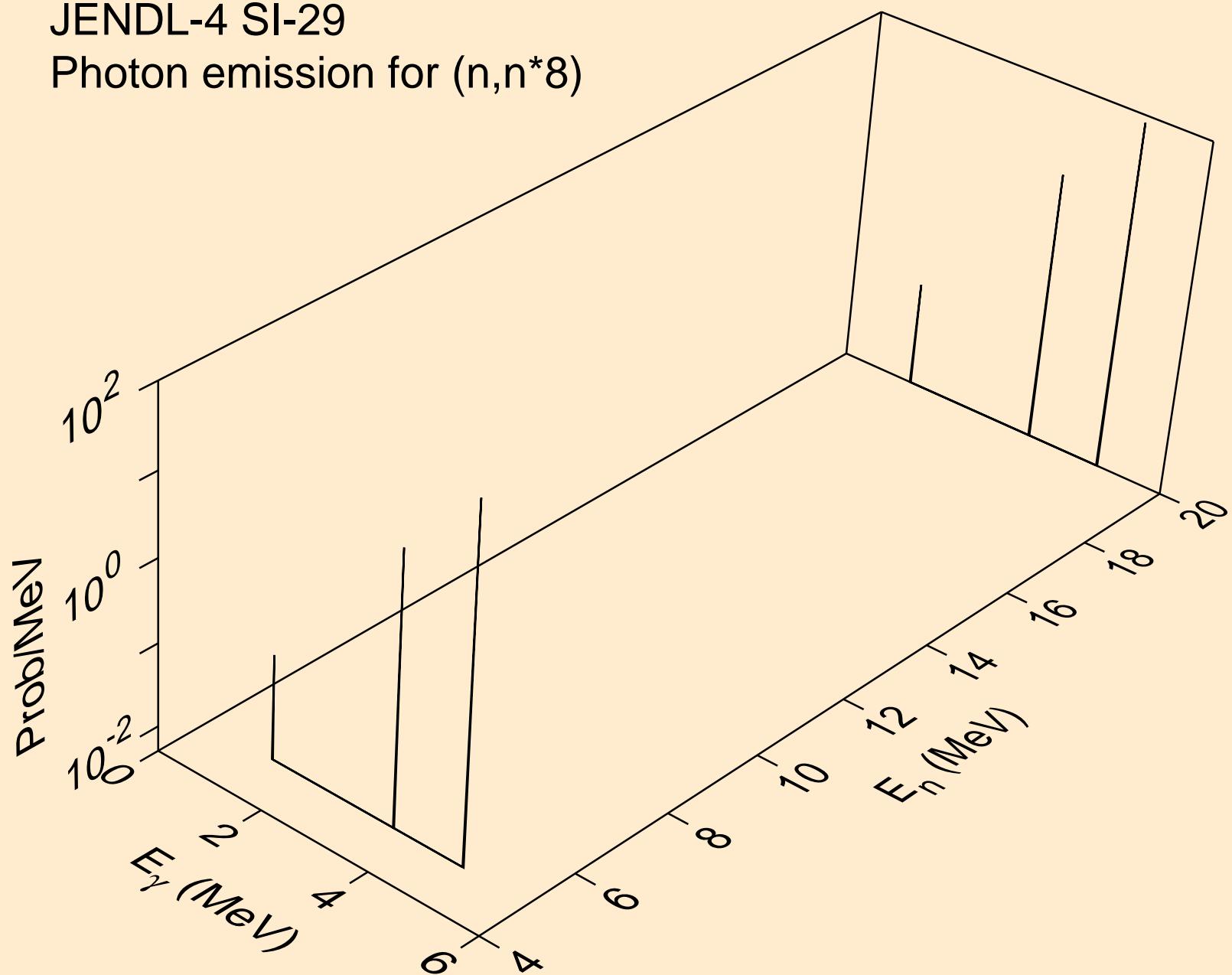
JENDL-4 SI-29  
Photon emission for (n,n\*6)



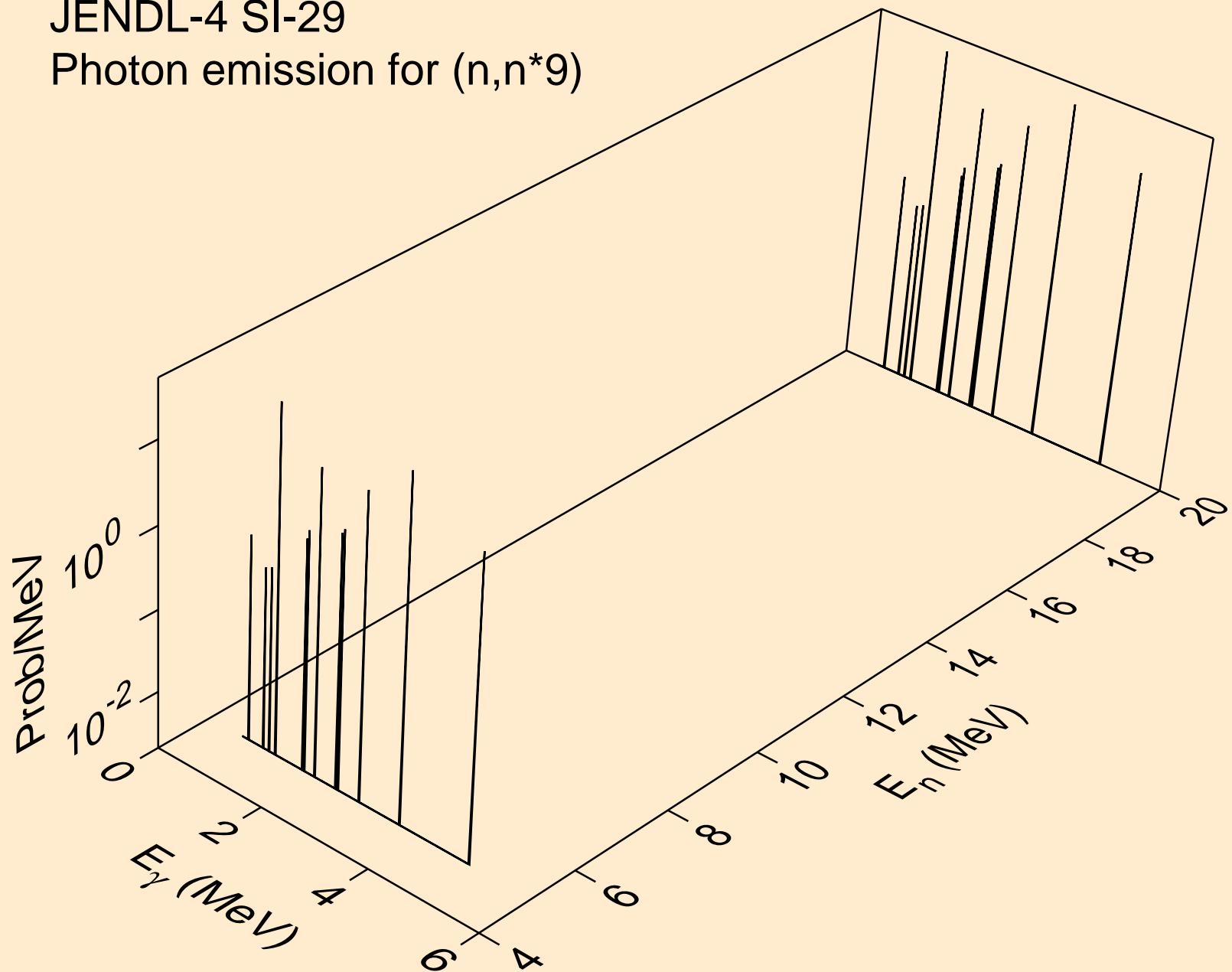
JENDL-4 SI-29  
Photon emission for  $(n,n^*7)$



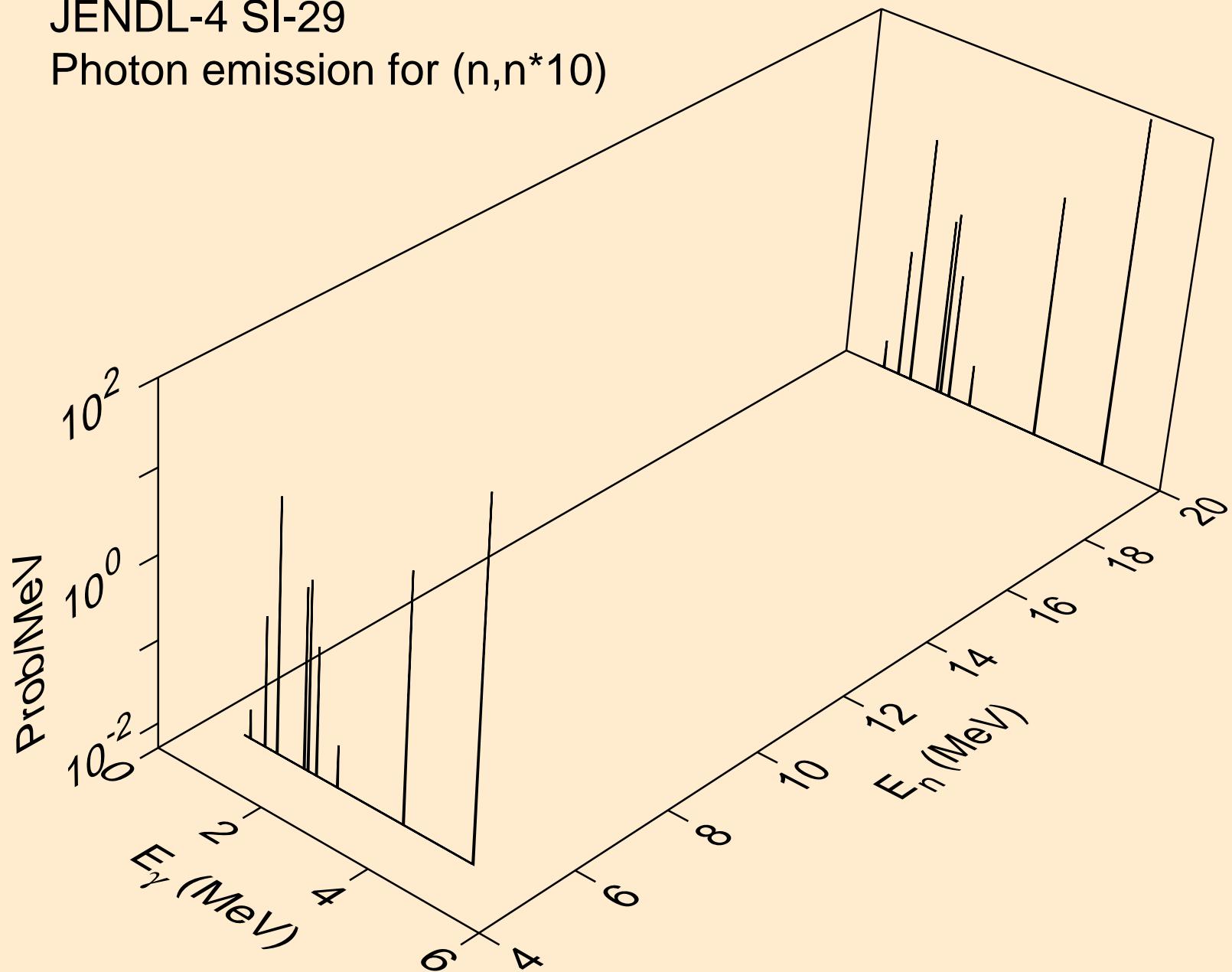
JENDL-4 SI-29  
Photon emission for (n,n\*8)



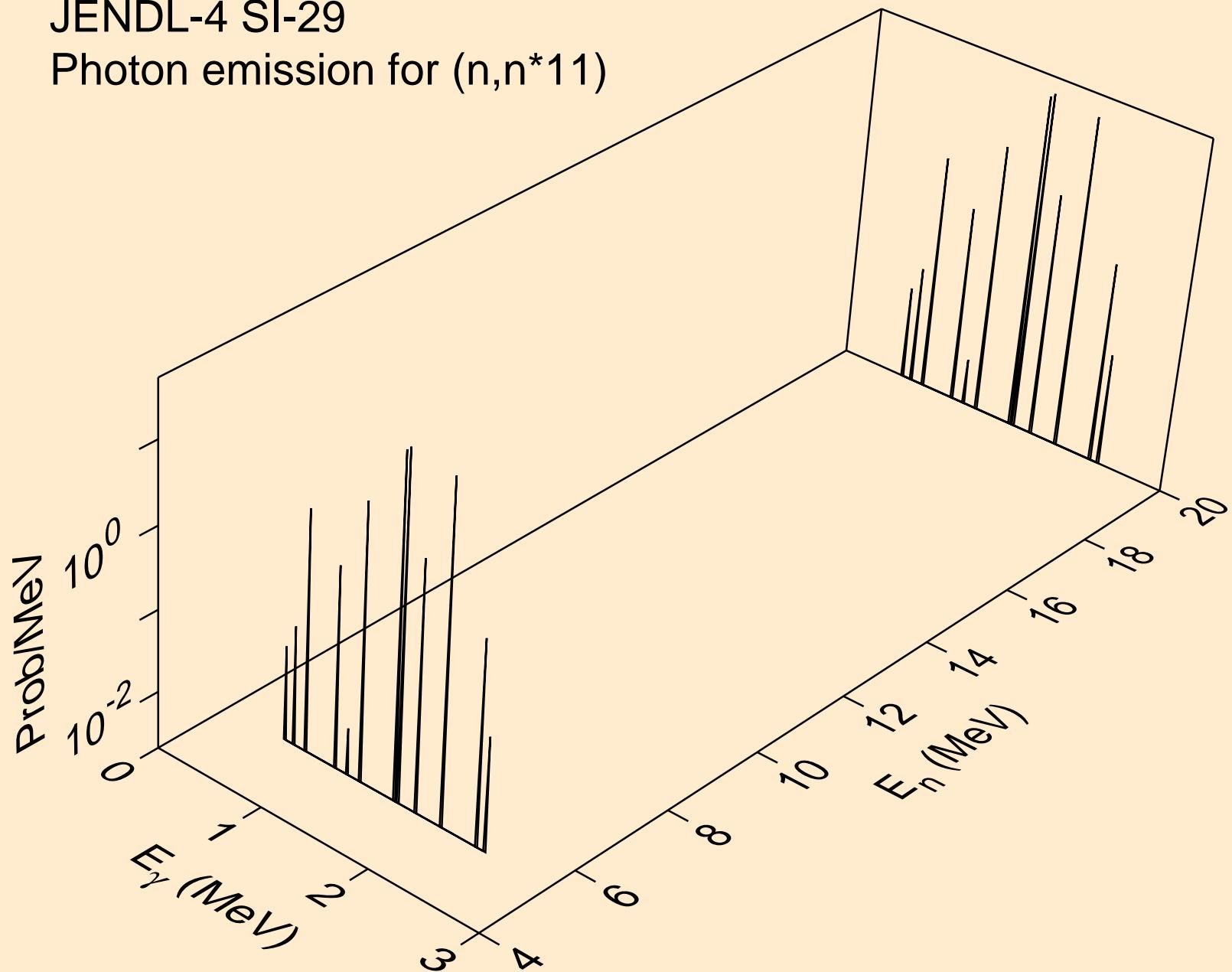
JENDL-4 SI-29  
Photon emission for (n,n\*9)



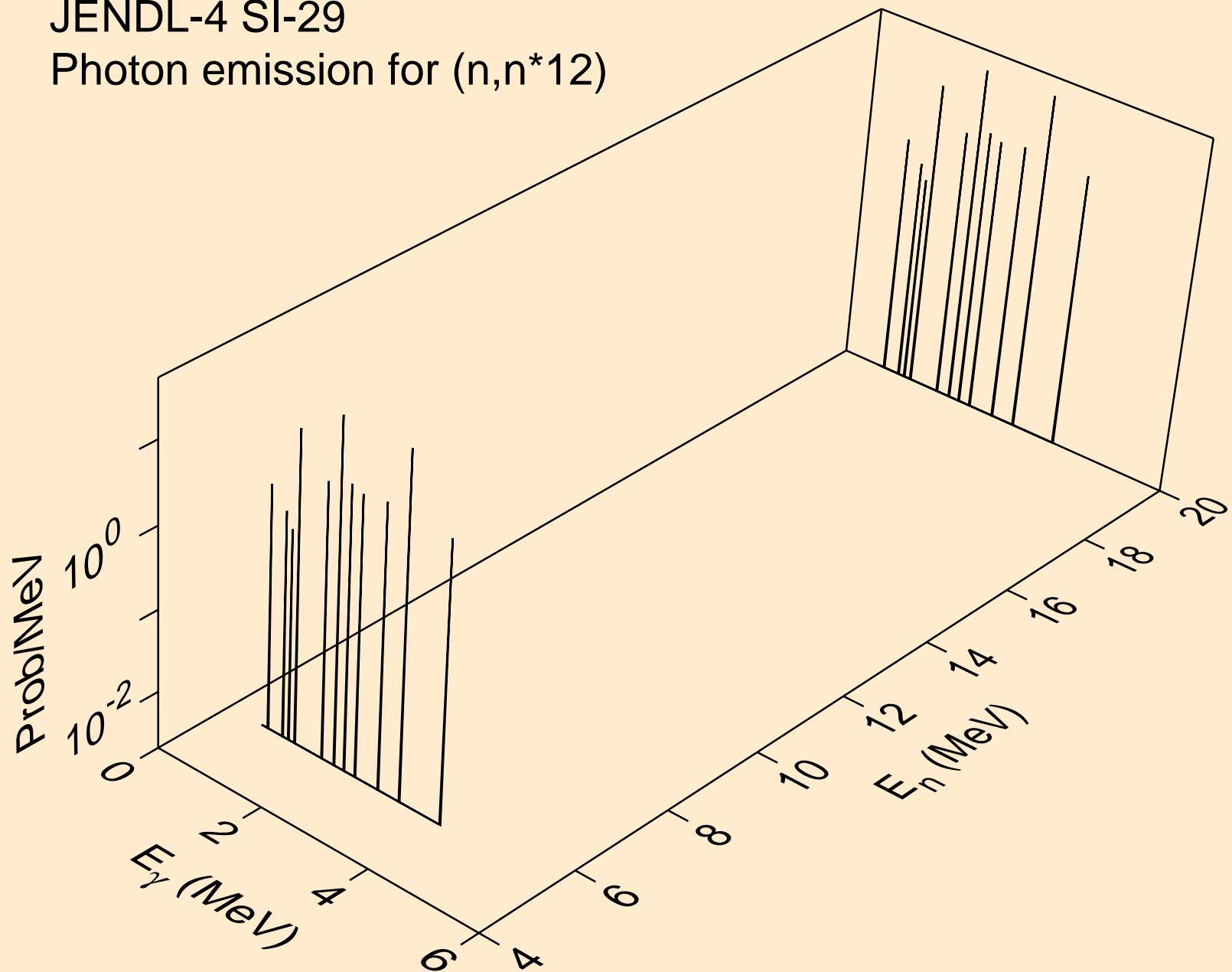
JENDL-4 SI-29  
Photon emission for (n,n\*10)



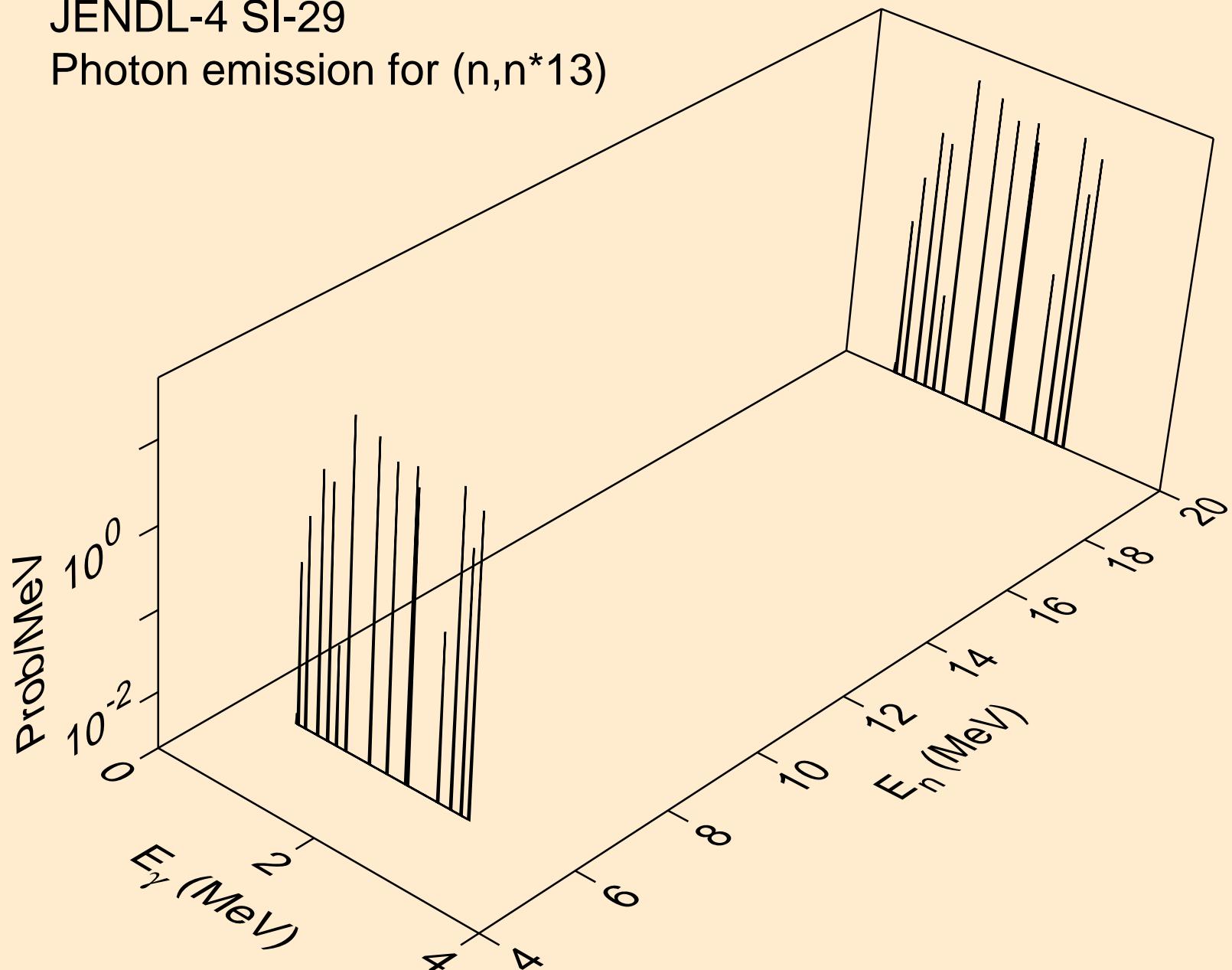
JENDL-4 SI-29  
Photon emission for (n,n\*11)



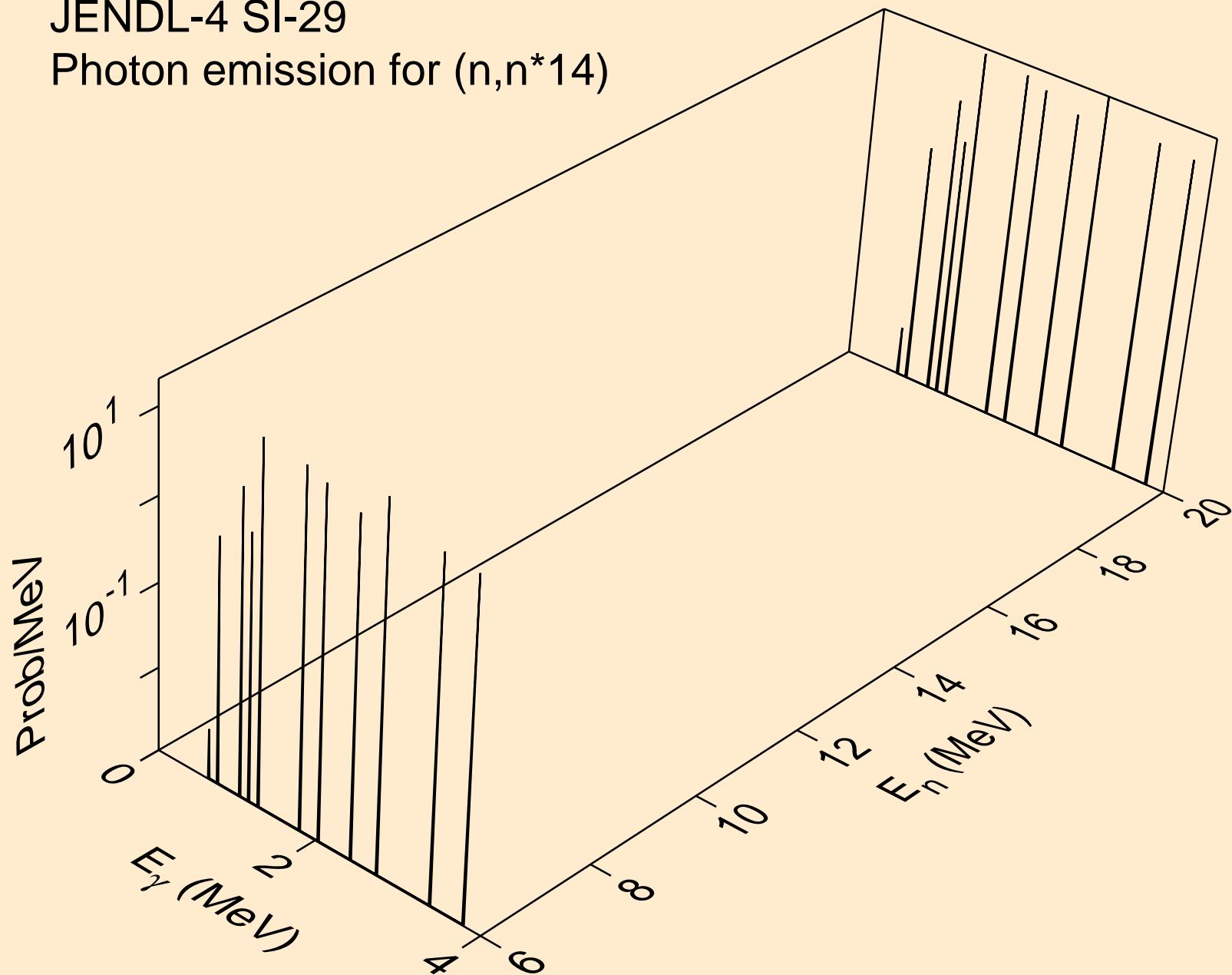
JENDL-4 SI-29  
Photon emission for (n,n\*12)



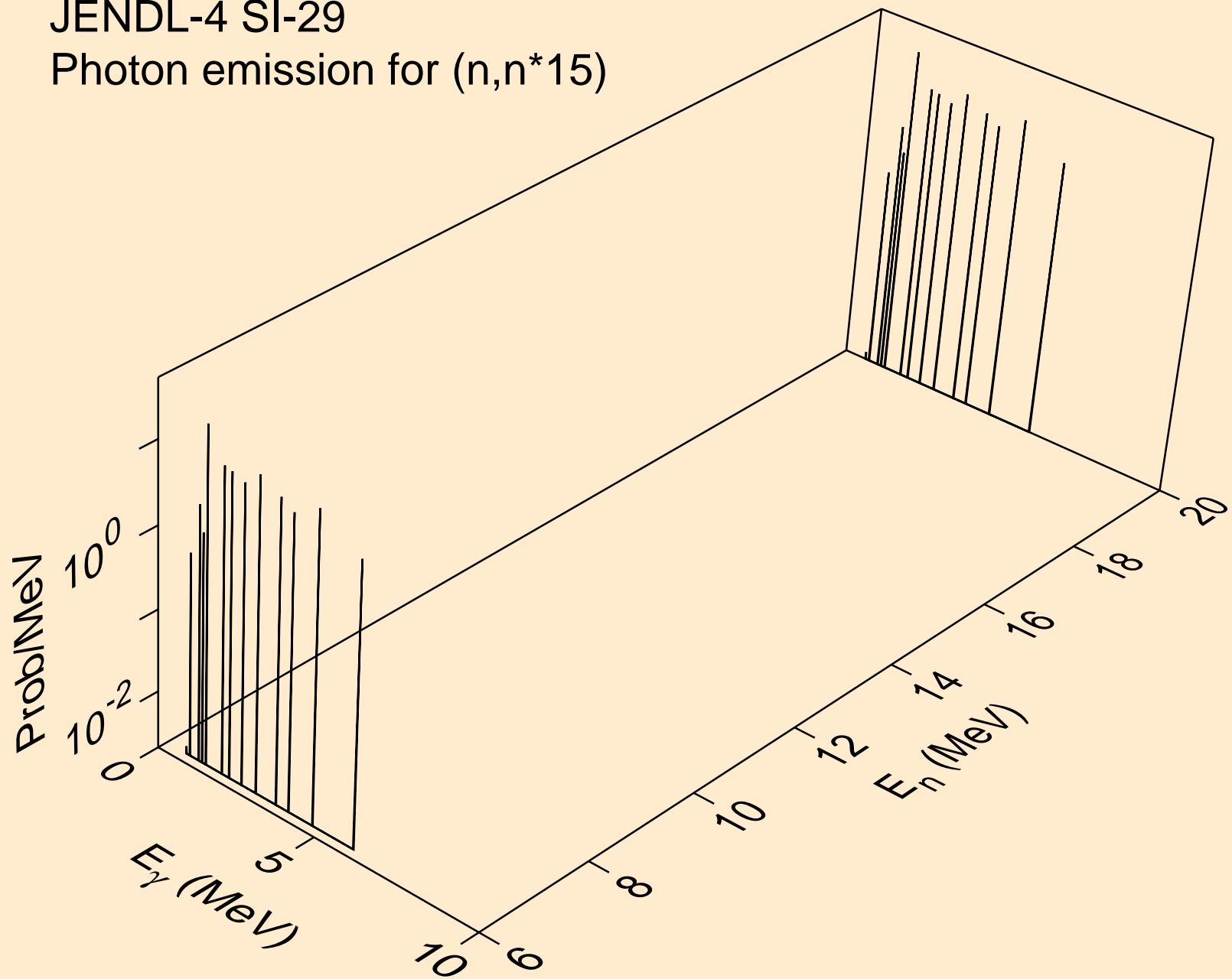
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Photon emission for ( $n, n^* 13$ )



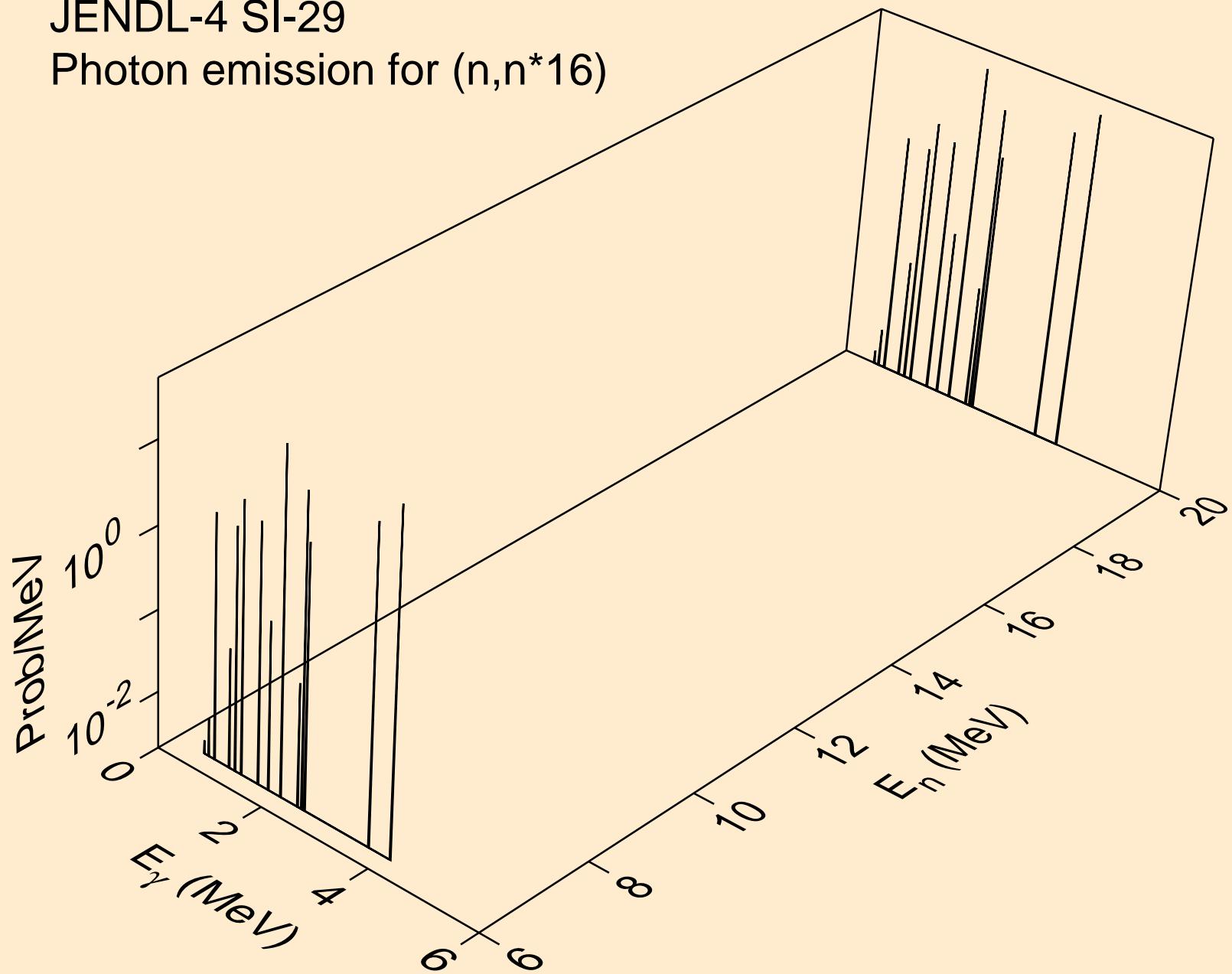
JENDL-4 SI-29  
Photon emission for ( $n, n^* 14$ )



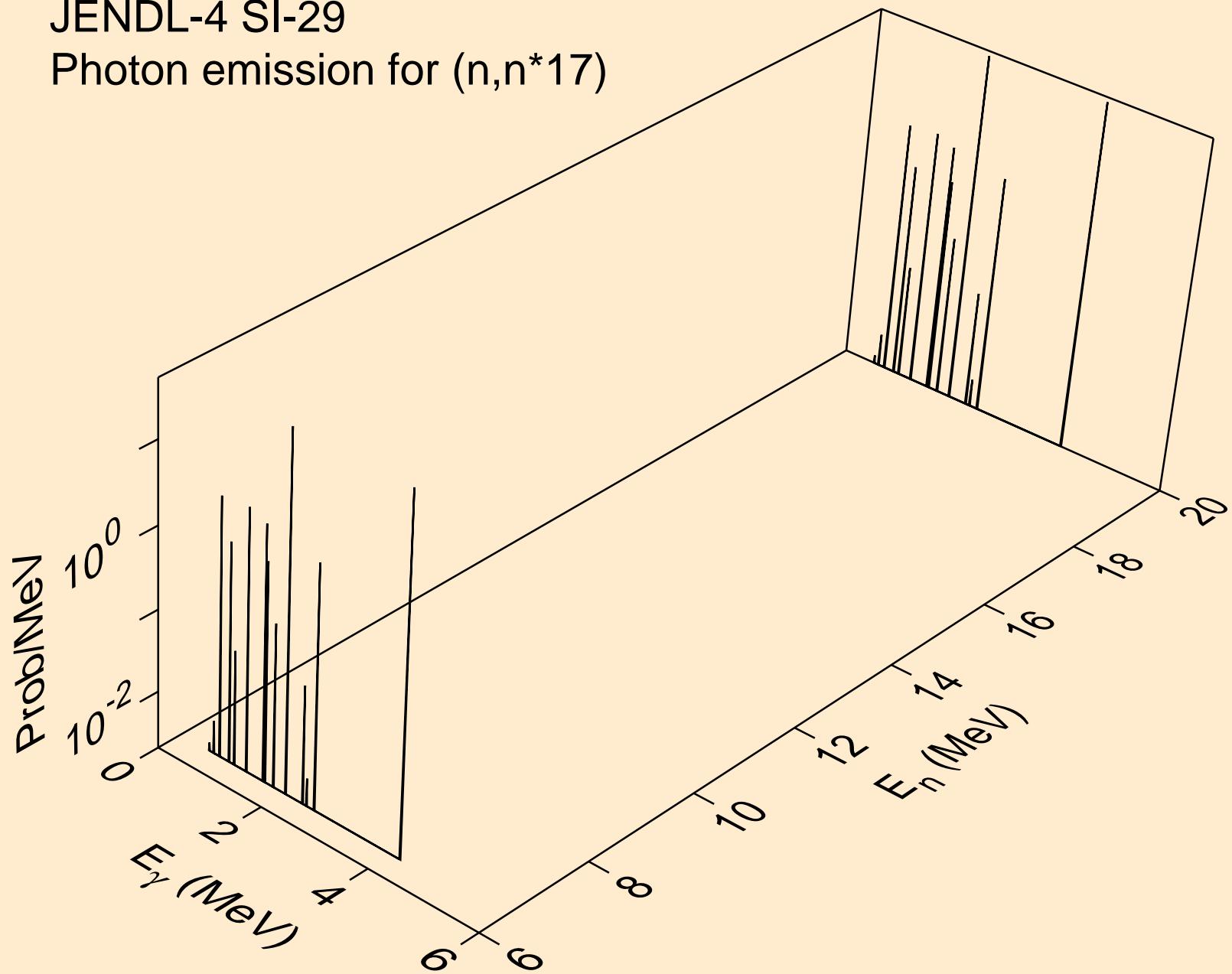
JENDL-4 SI-29  
Photon emission for  $(n,n^*15)$



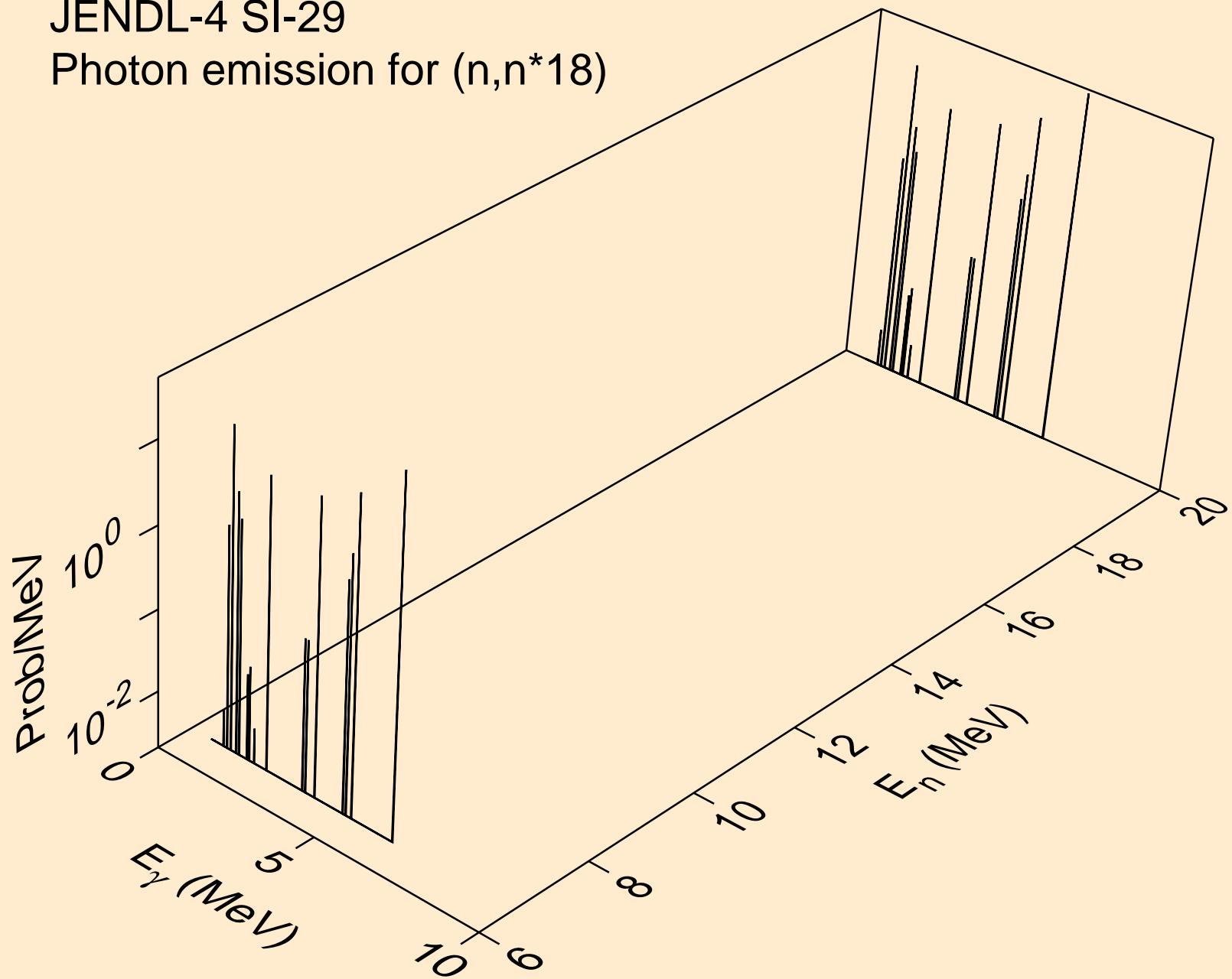
JENDL-4 SI-29  
Photon emission for (n,n\*16)



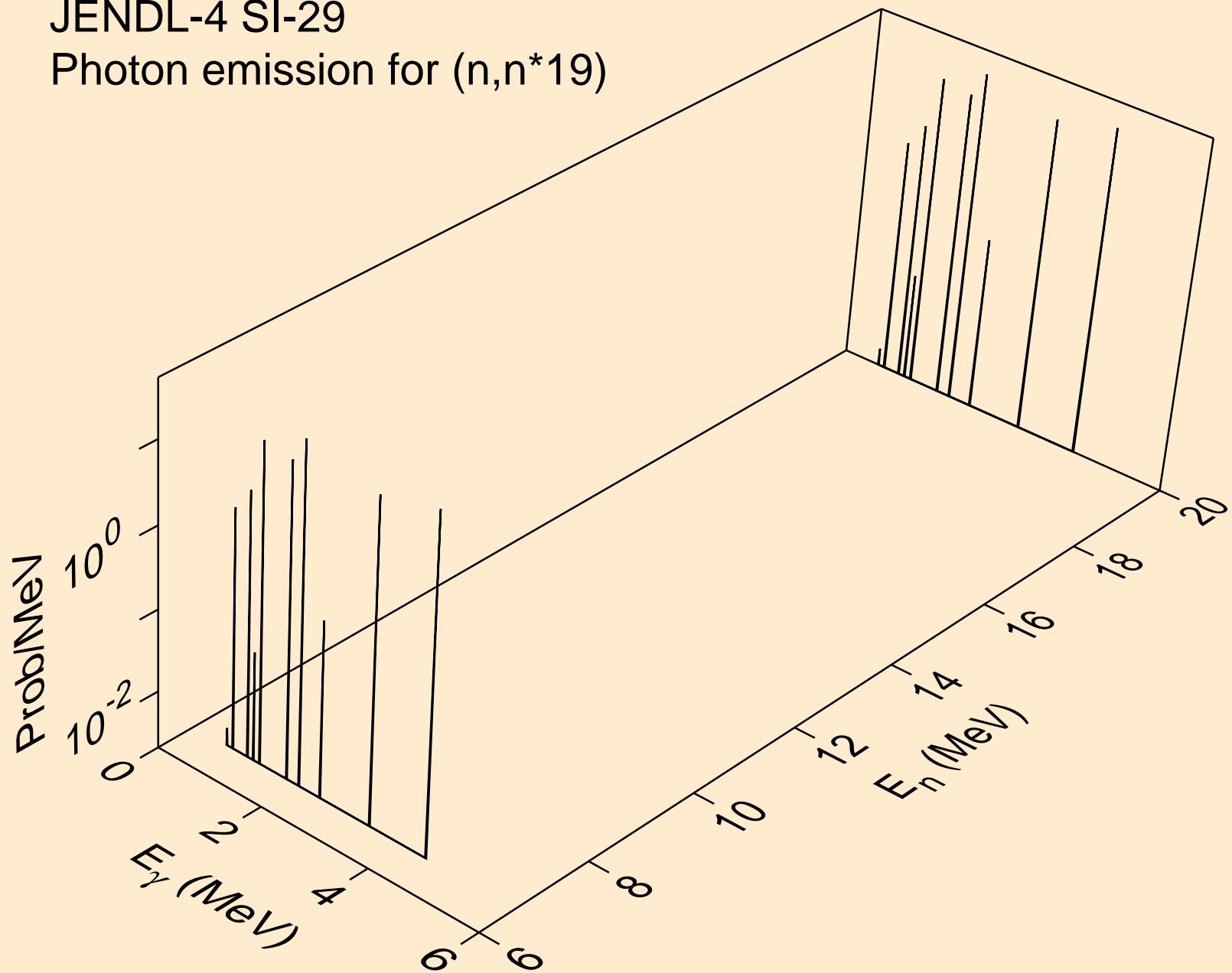
JENDL-4 SI-29  
Photon emission for  $(n,n^*17)$



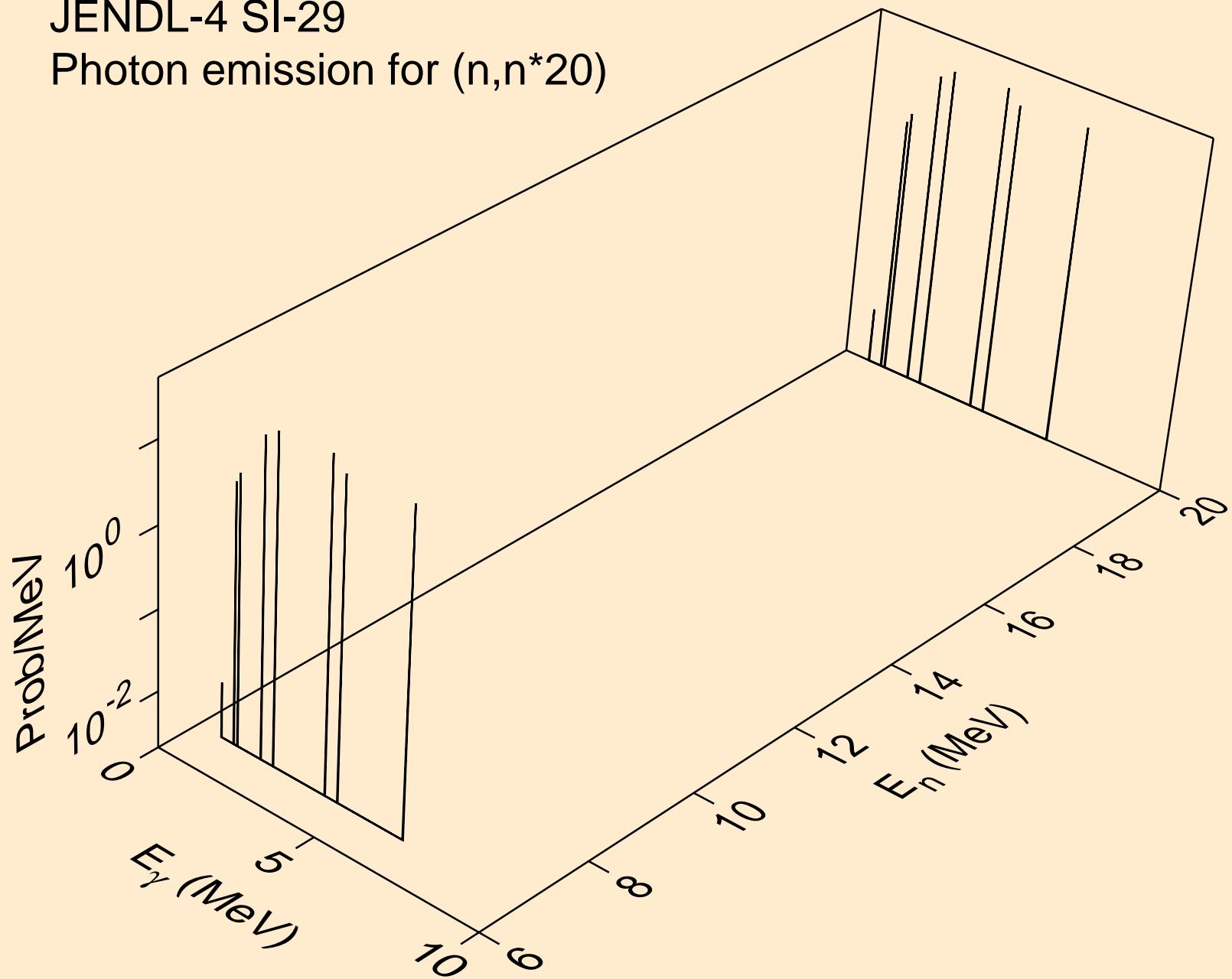
JENDL-4 SI-29  
Photon emission for  $(n,n^*18)$



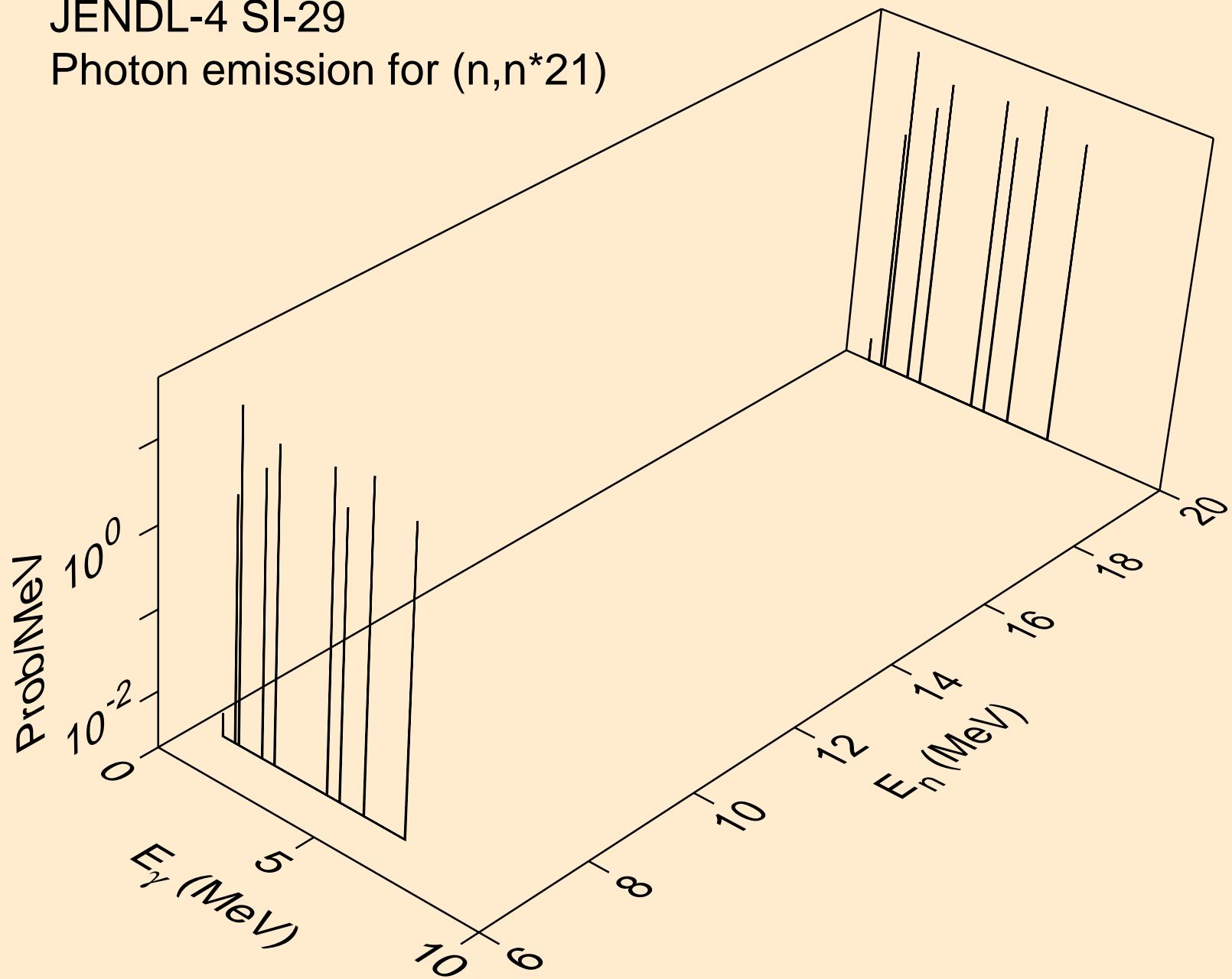
JENDL-4 SI-29  
Photon emission for  $(n,n^*19)$



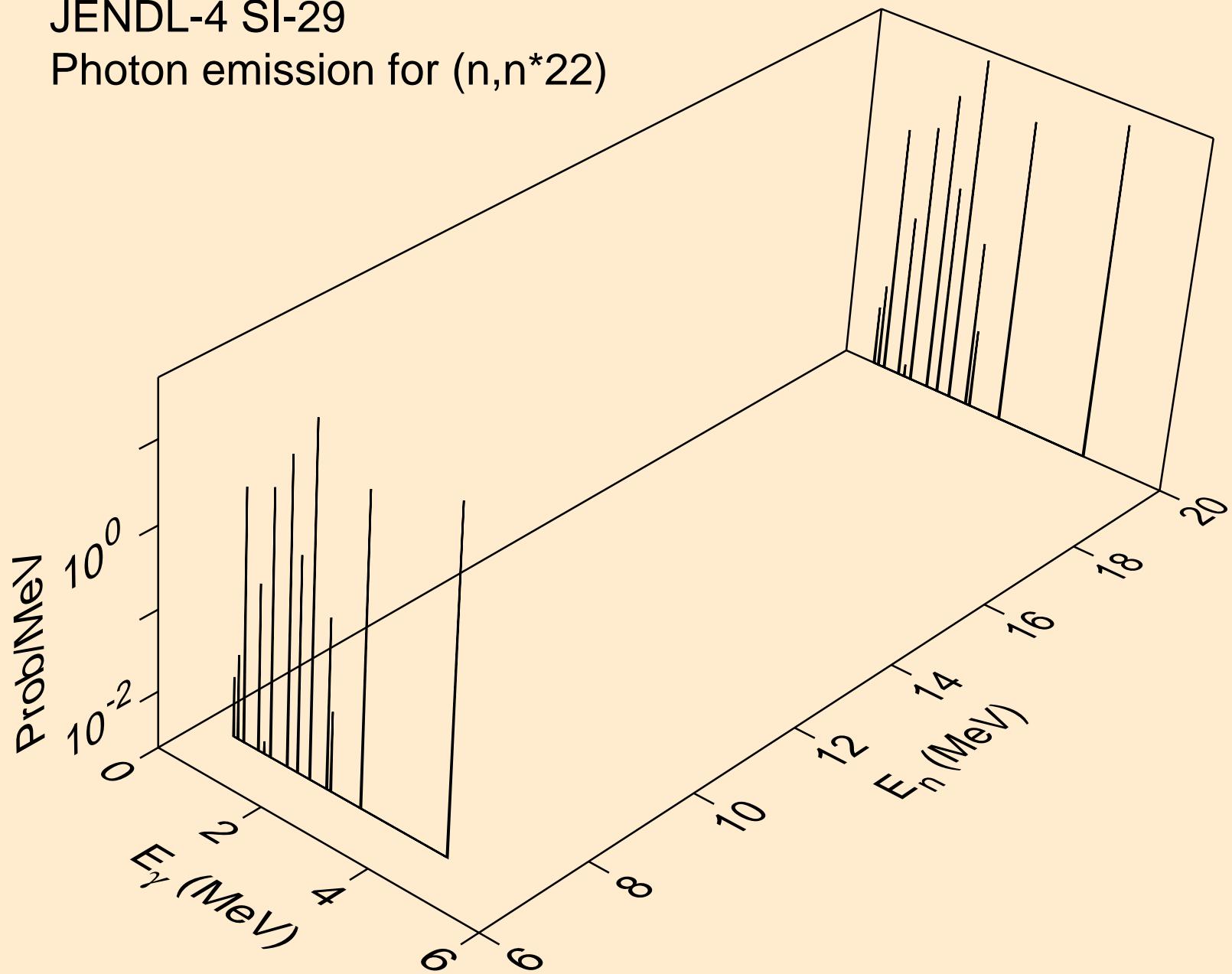
JENDL-4 SI-29  
Photon emission for  $(n,n^*20)$



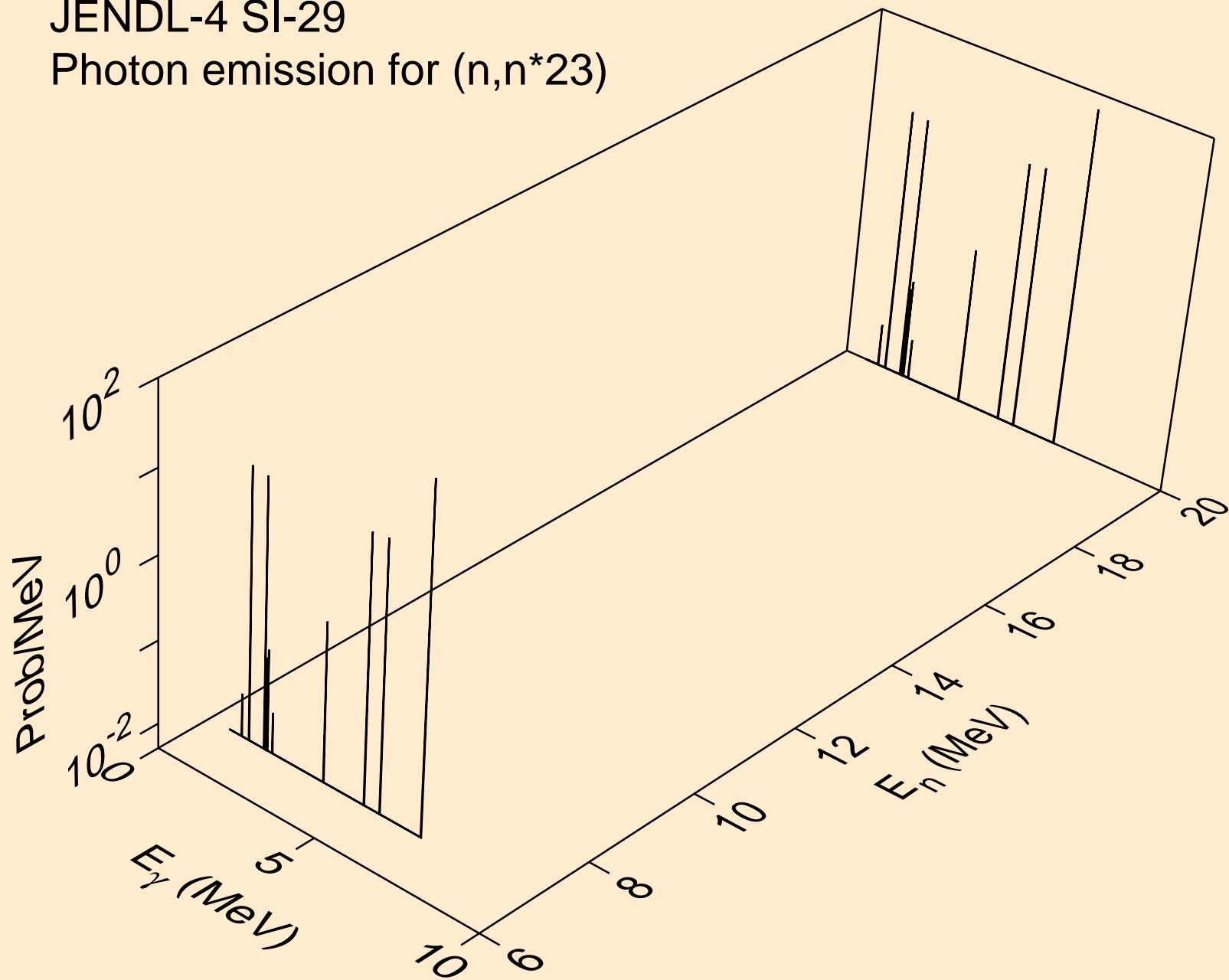
JENDL-4 SI-29  
Photon emission for (n,n\*21)



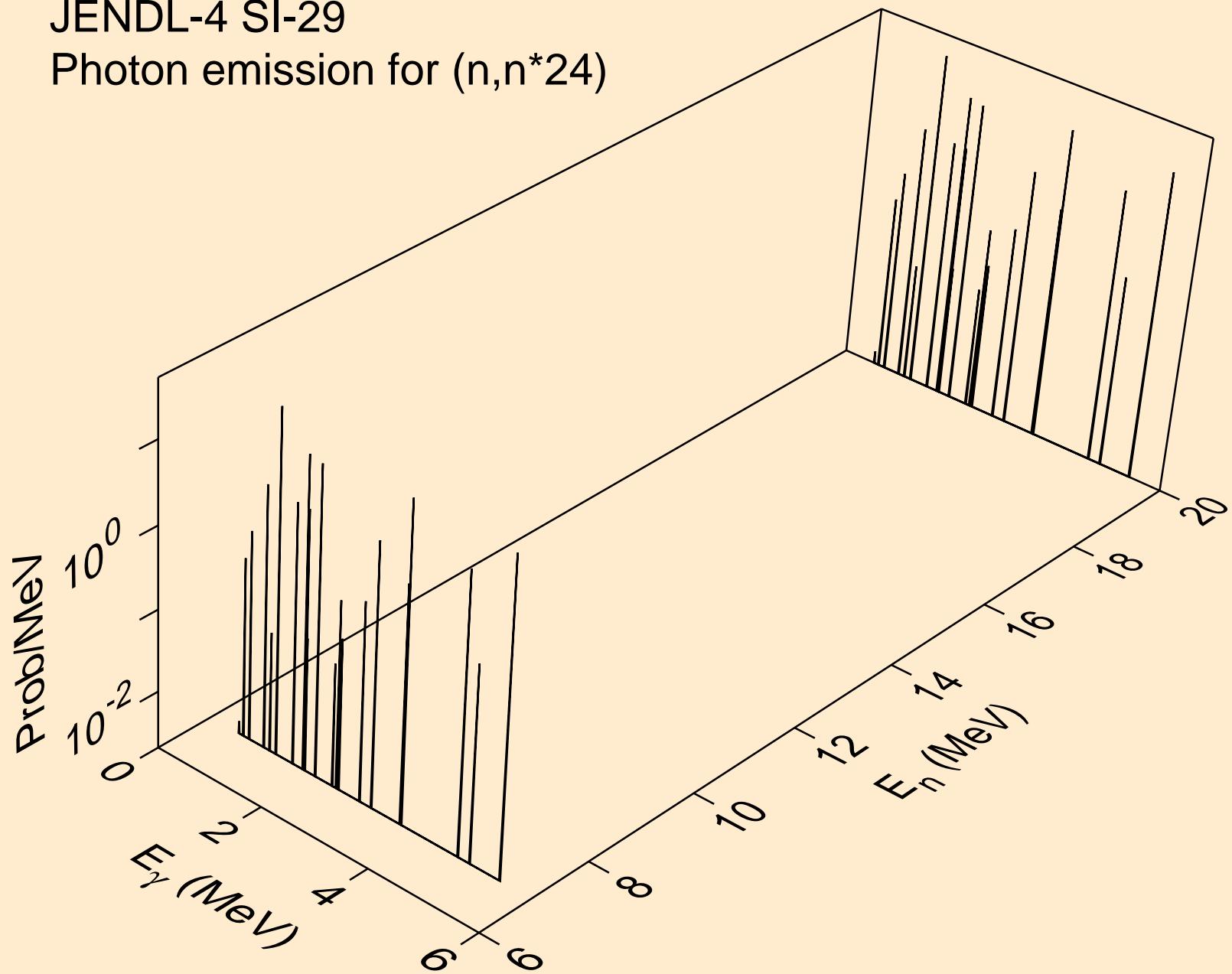
JENDL-4 SI-29  
Photon emission for ( $n, n^* 22$ )



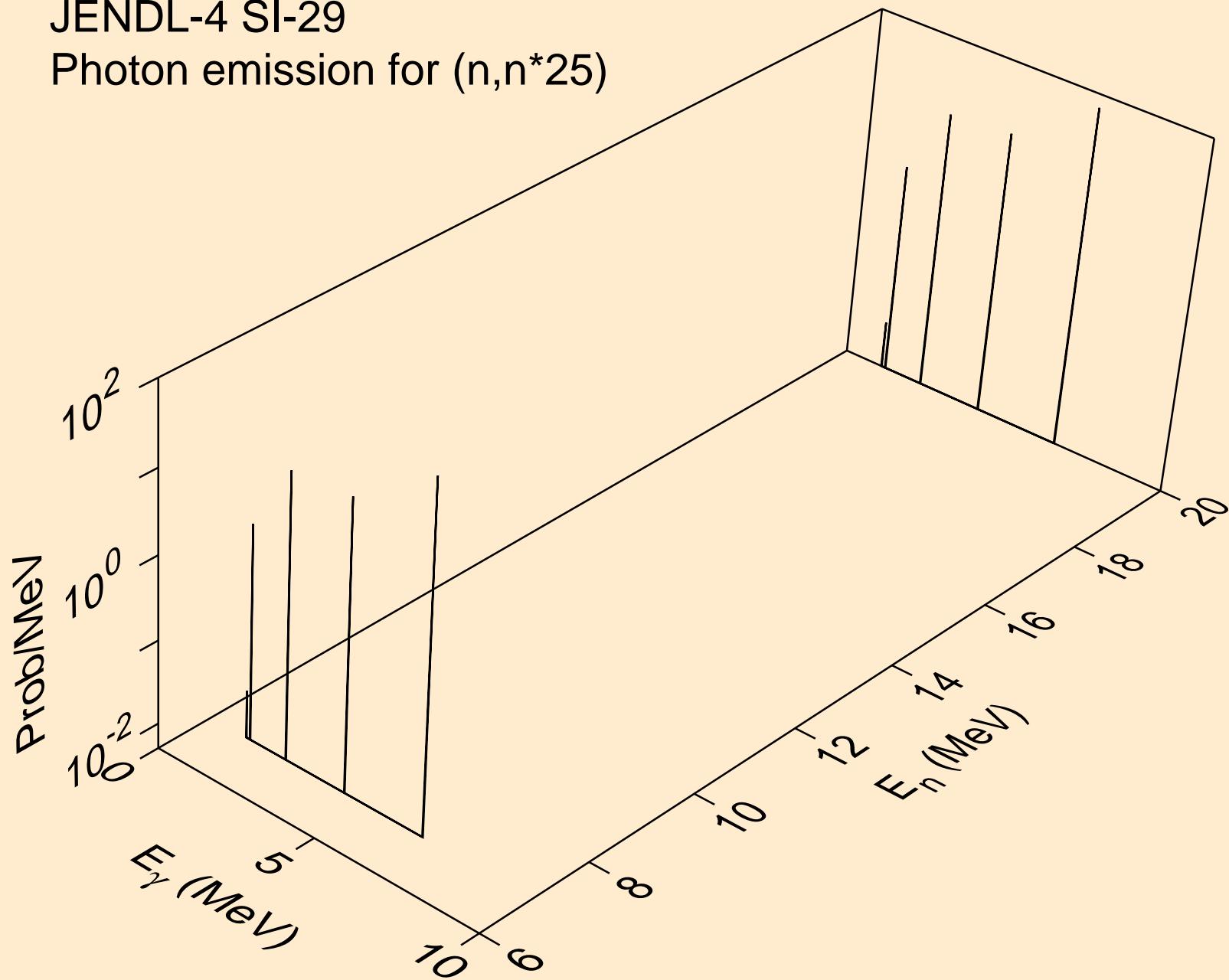
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Photon emission for ( $n, n^* 23$ )



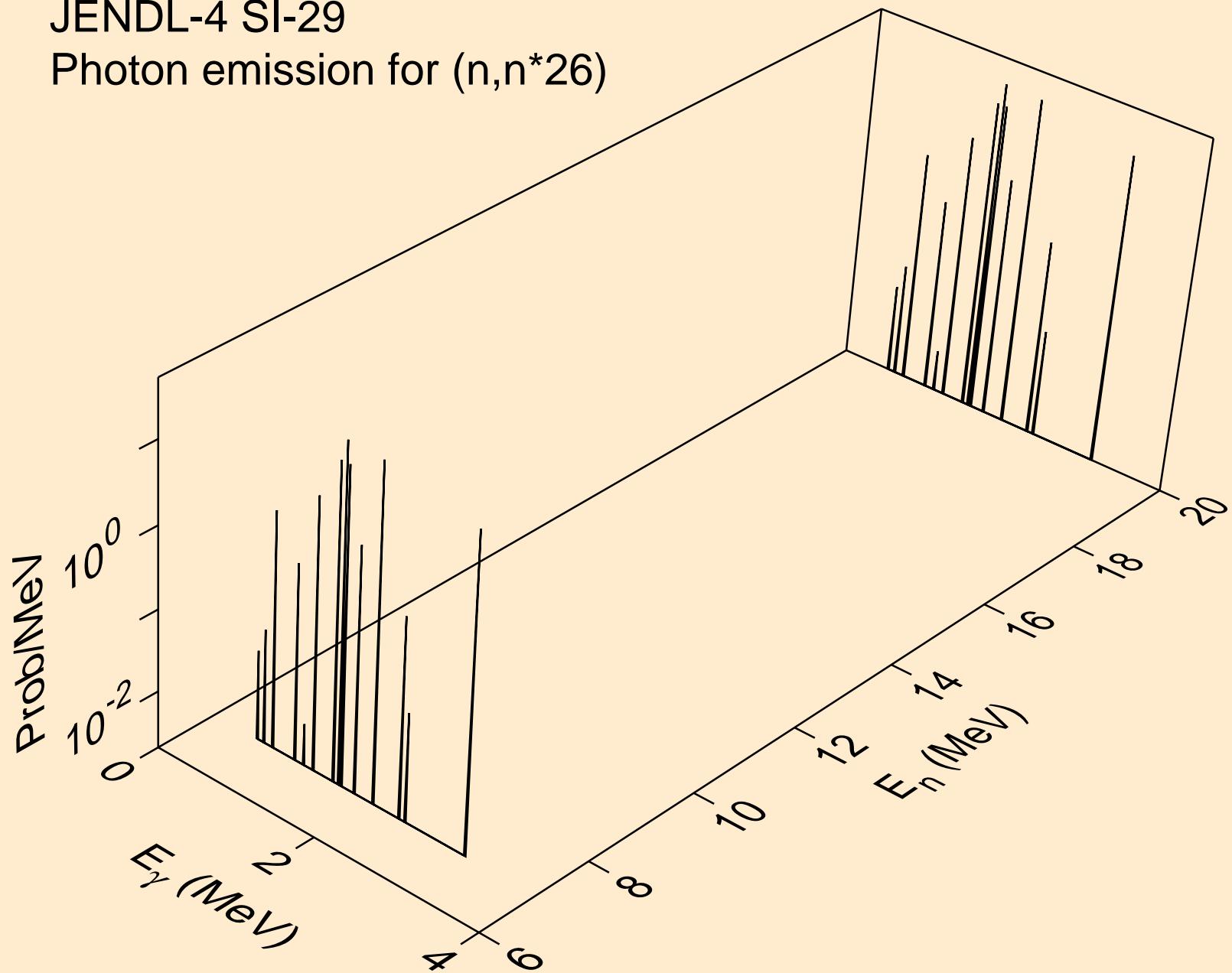
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Photon emission for  $(n,n^*24)$



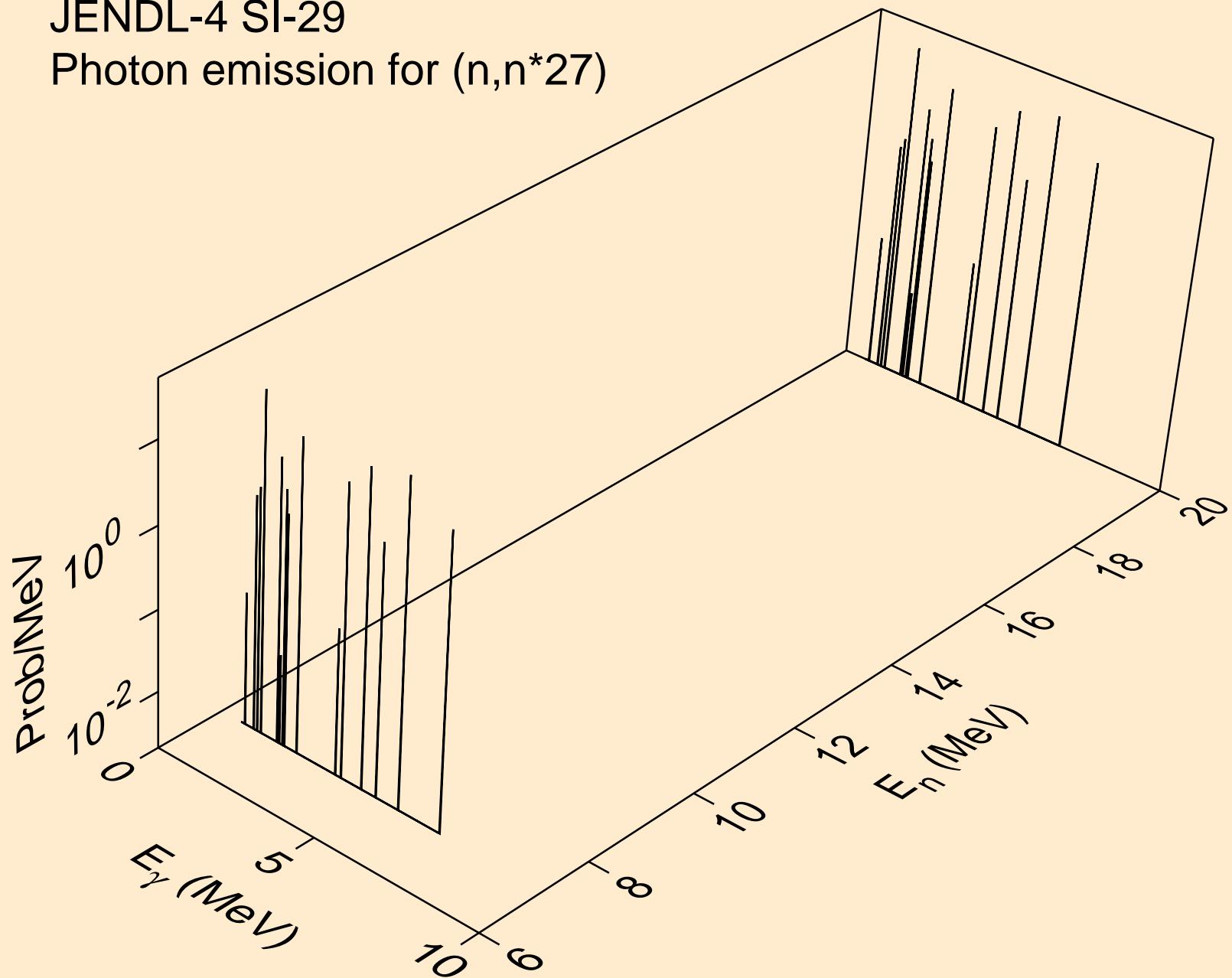
JENDL-4 SI-29  
Photon emission for (n,n\*25)



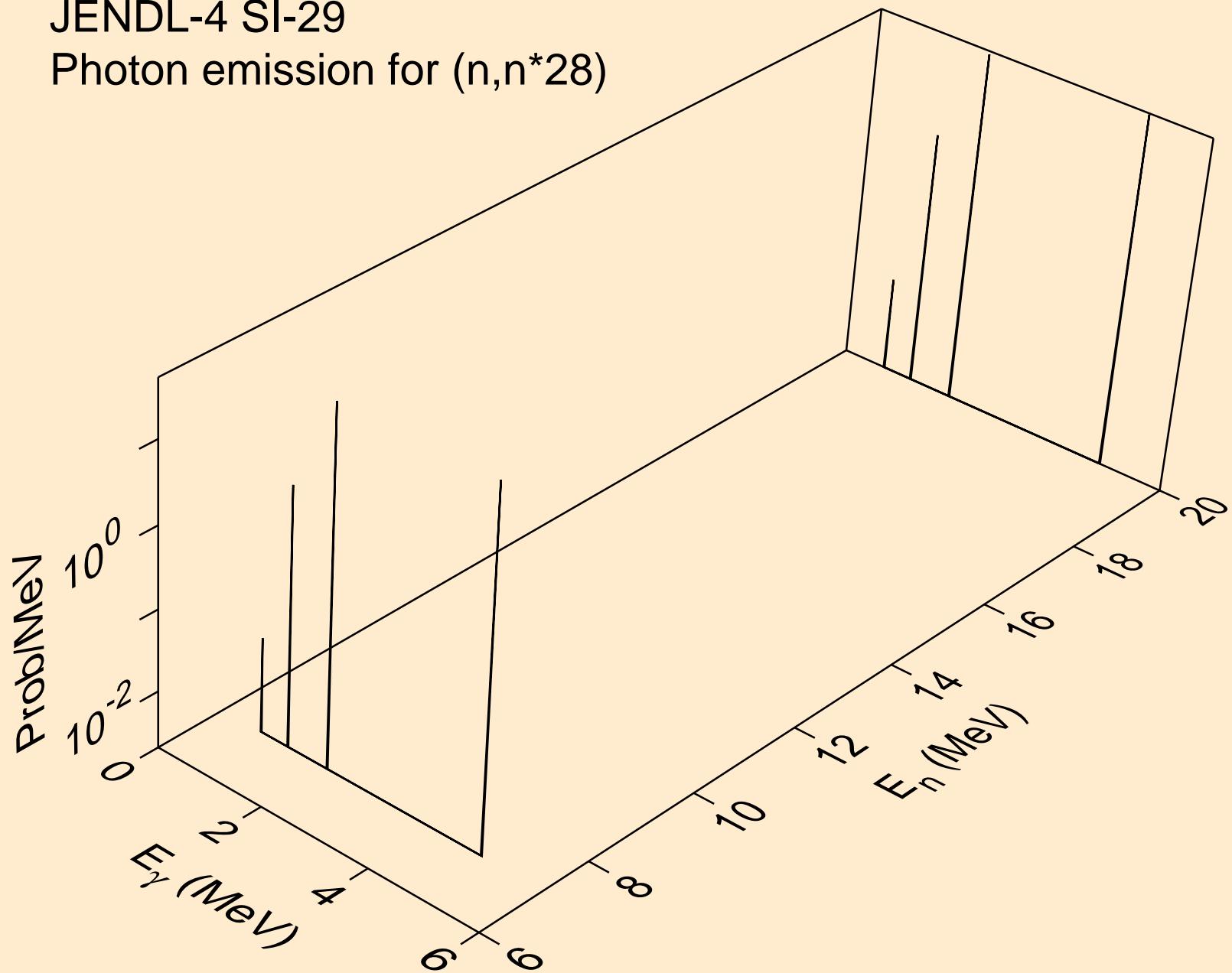
JENDL-4 SI-29  
Photon emission for  $(n,n^*26)$



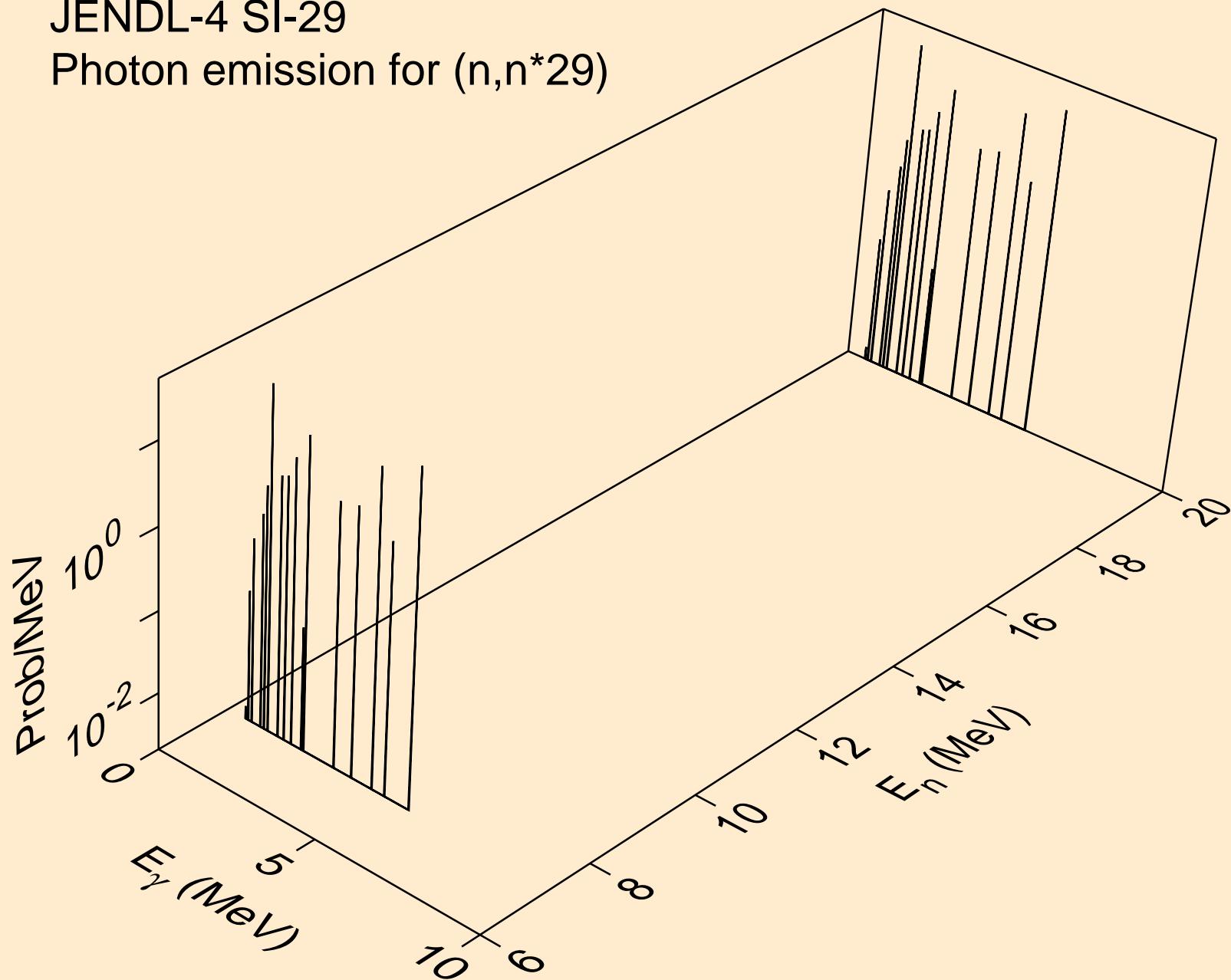
JENDL-4 SI-29  
Photon emission for  $(n,n^*27)$



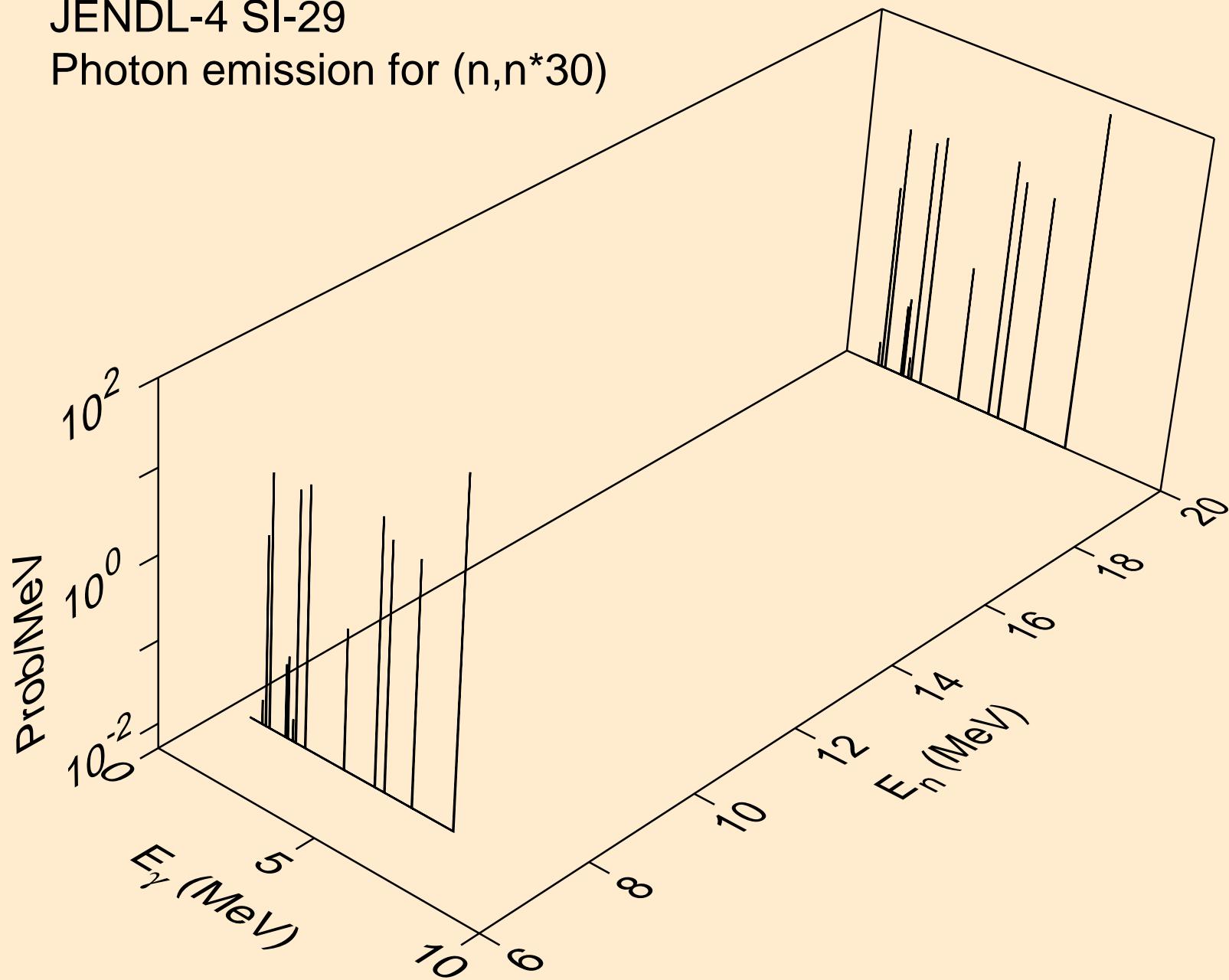
JENDL-4 SI-29  
Photon emission for  $(n,n^*28)$



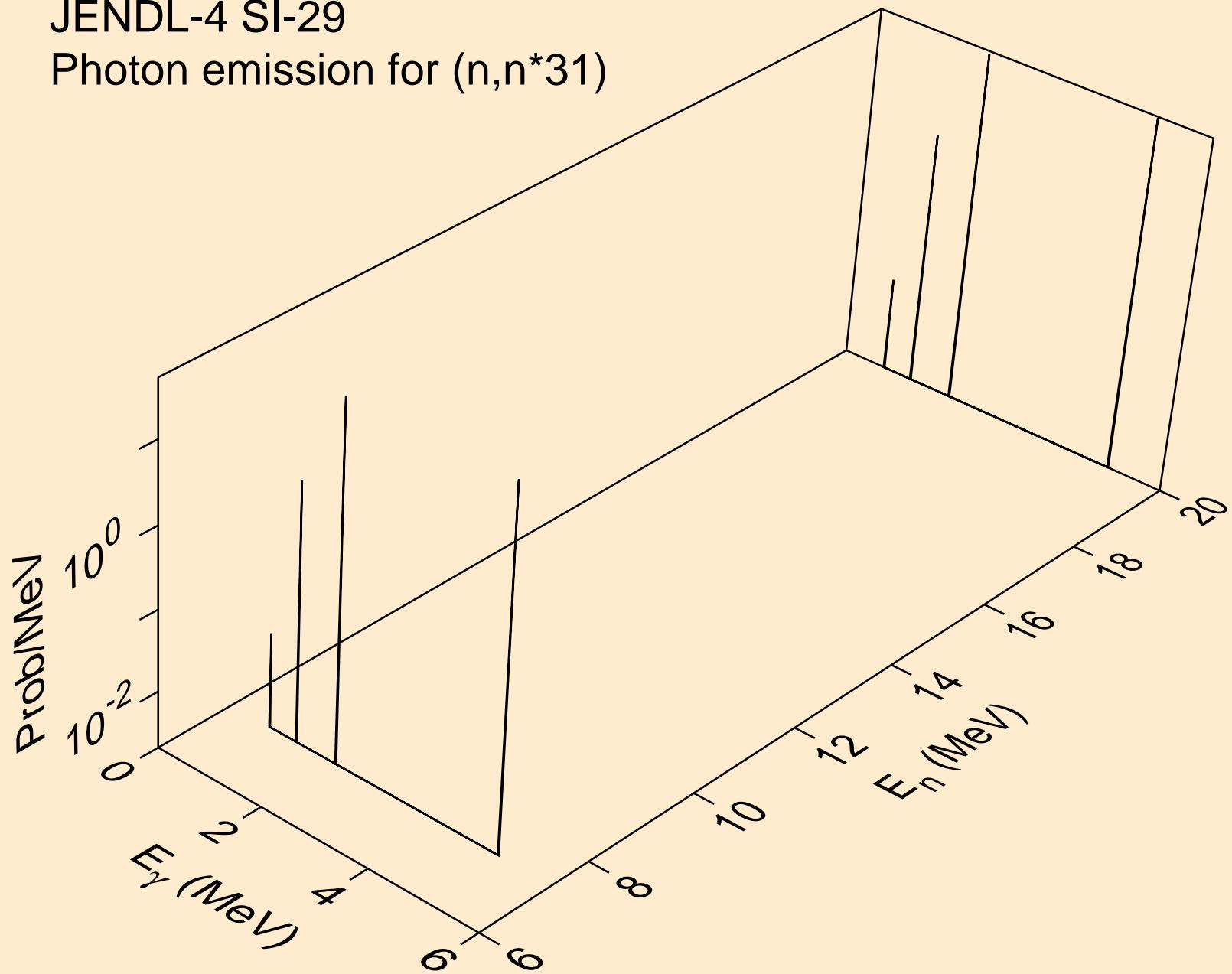
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Photon emission for  $(n,n^*29)$



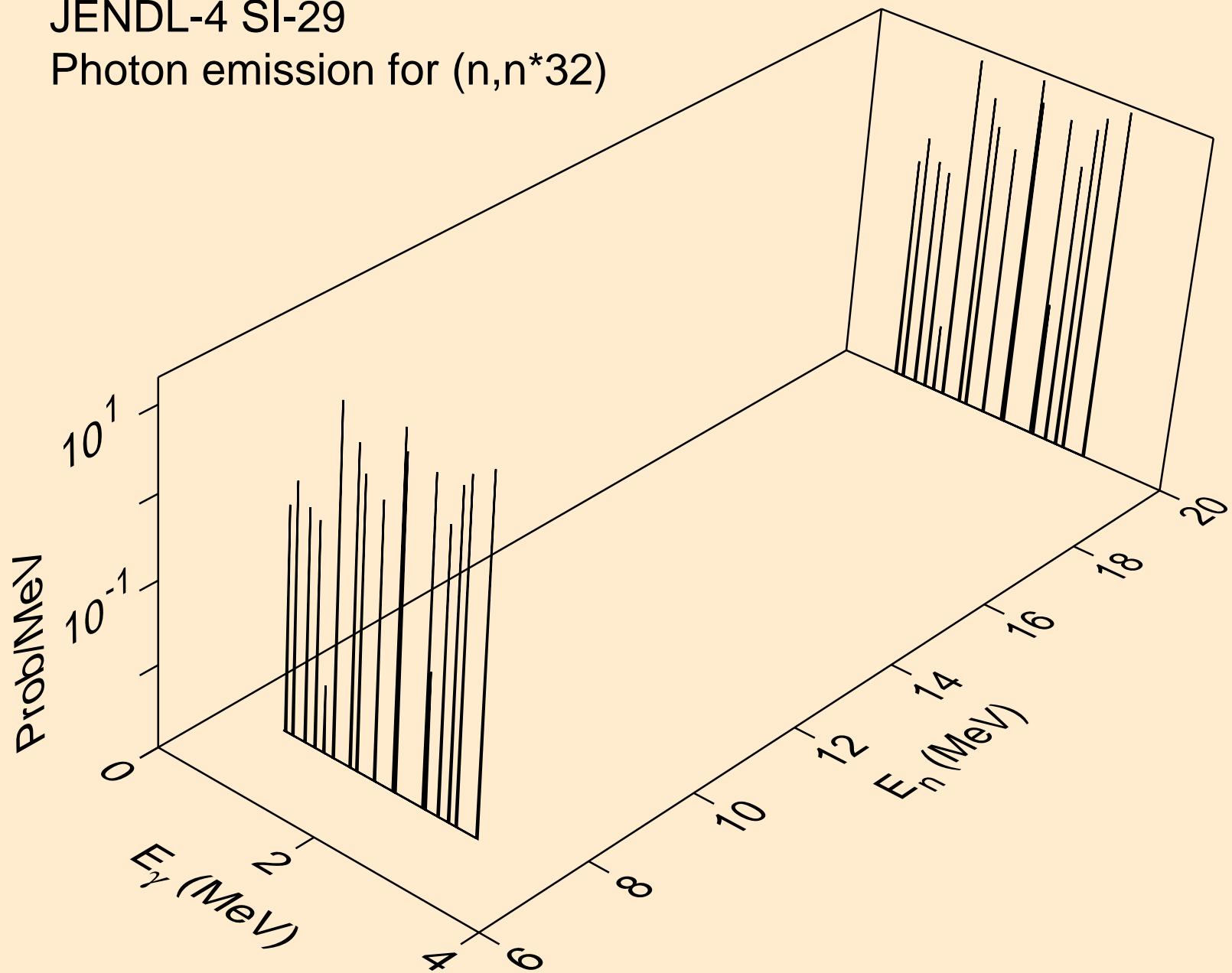
JENDL-4 SI-29  
Photon emission for ( $n, n^*$ )30



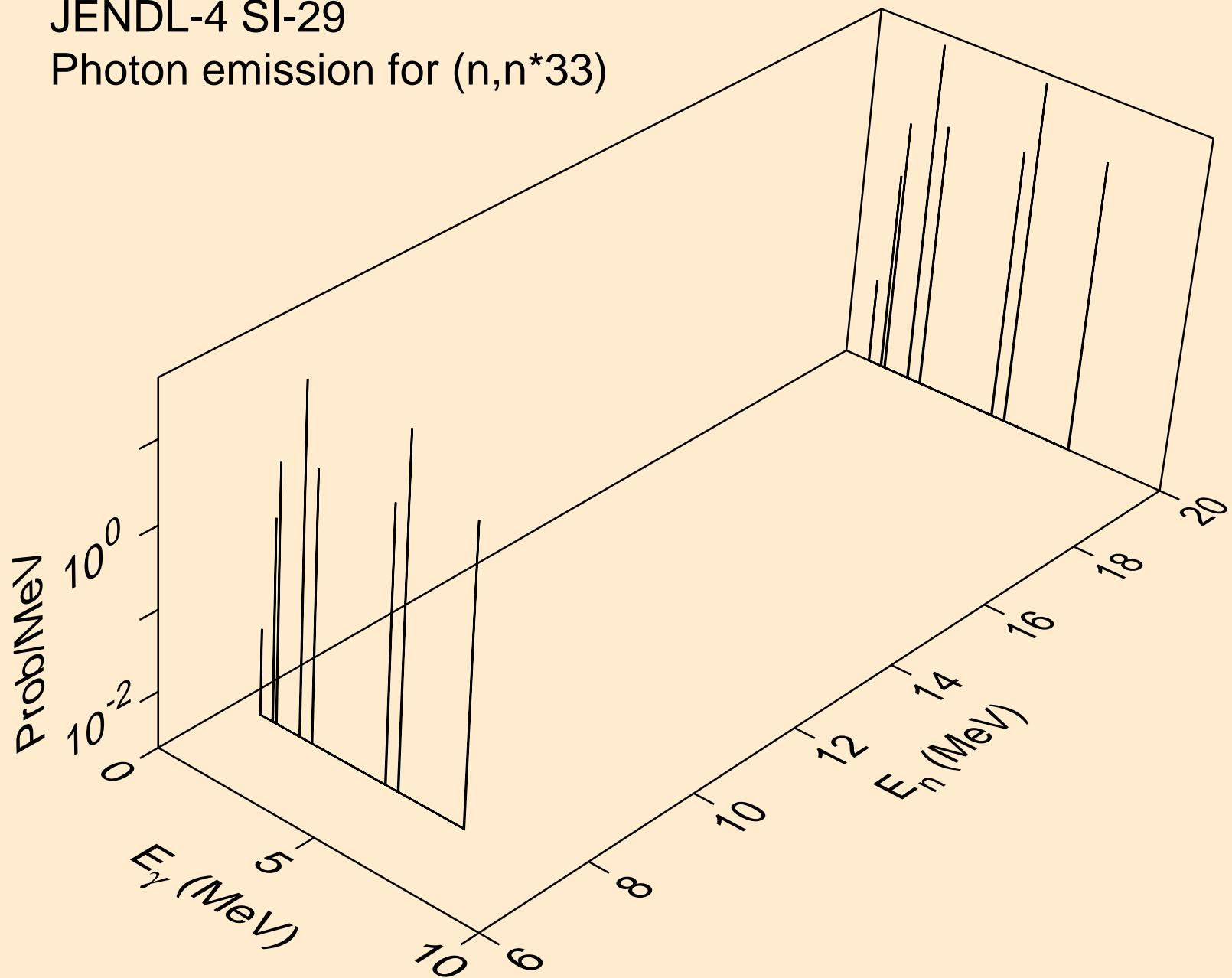
JENDL-4 SI-29  
Photon emission for ( $n,n^*$ )31



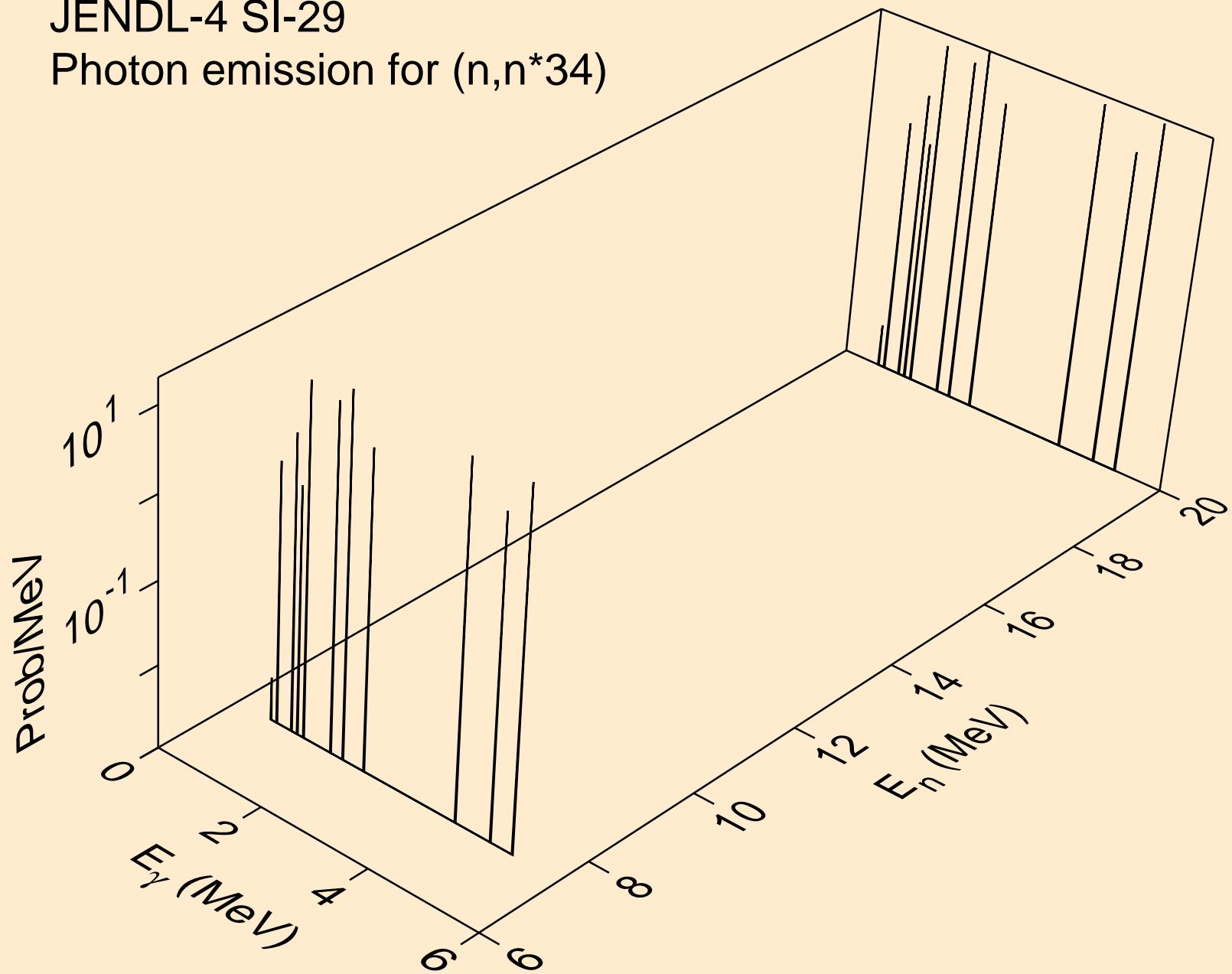
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Photon emission for ( $n, n^* 32$ )



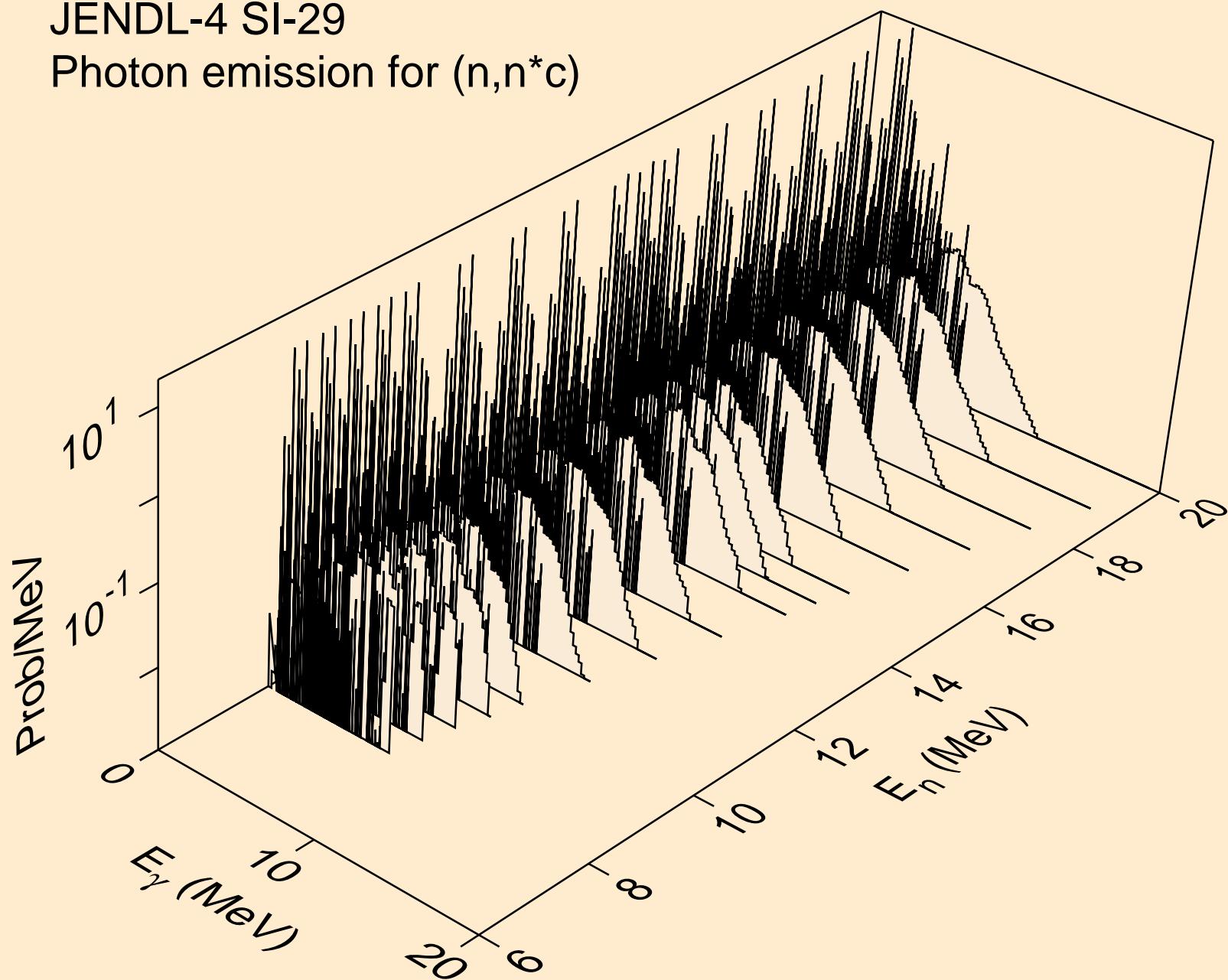
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Photon emission for ( $n, n^* 33$ )



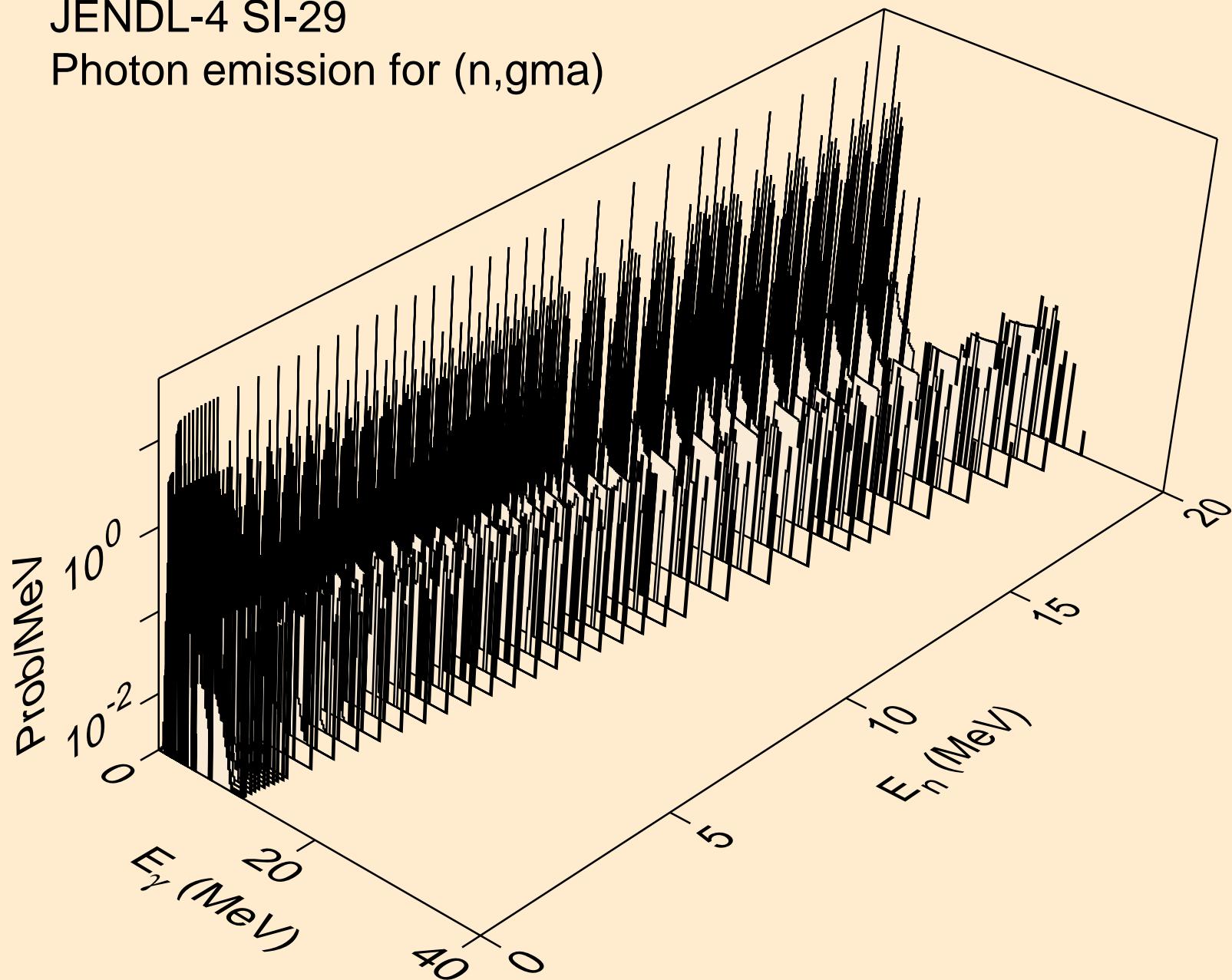
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Photon emission for  $(n,n^*34)$



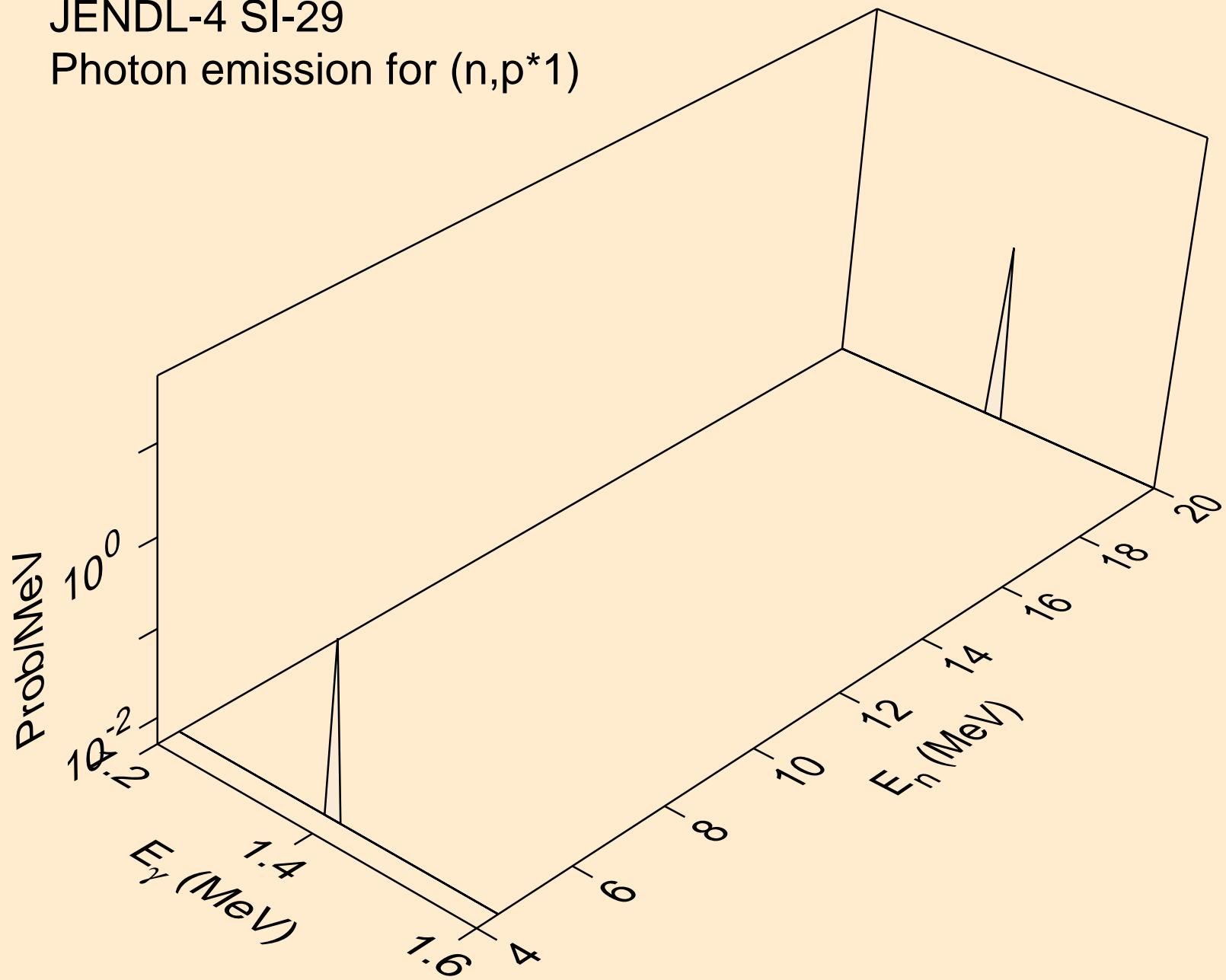
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Photon emission for  $(n,n^*c)$



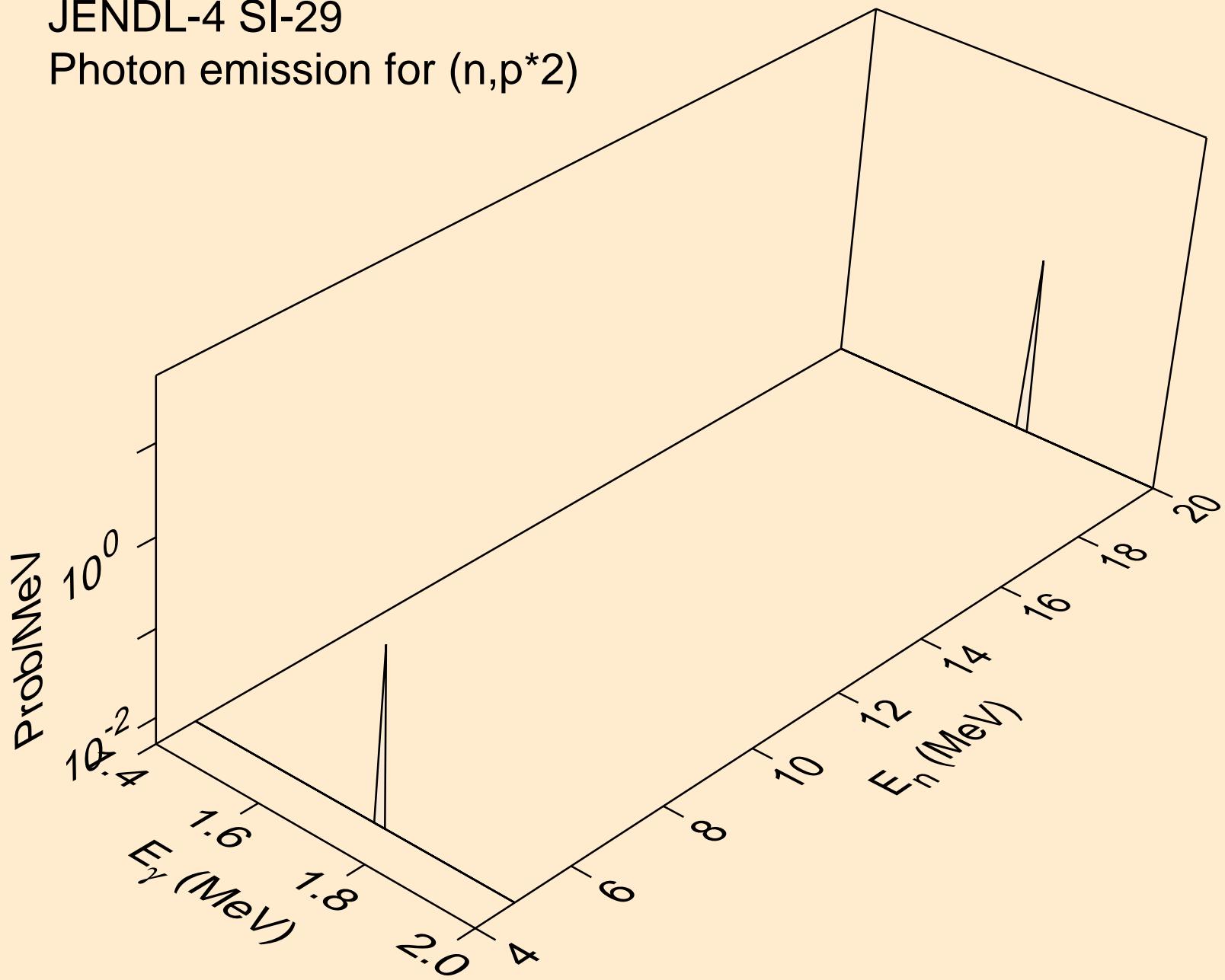
JENDL-4 SI-29  
Photon emission for (n,gma)



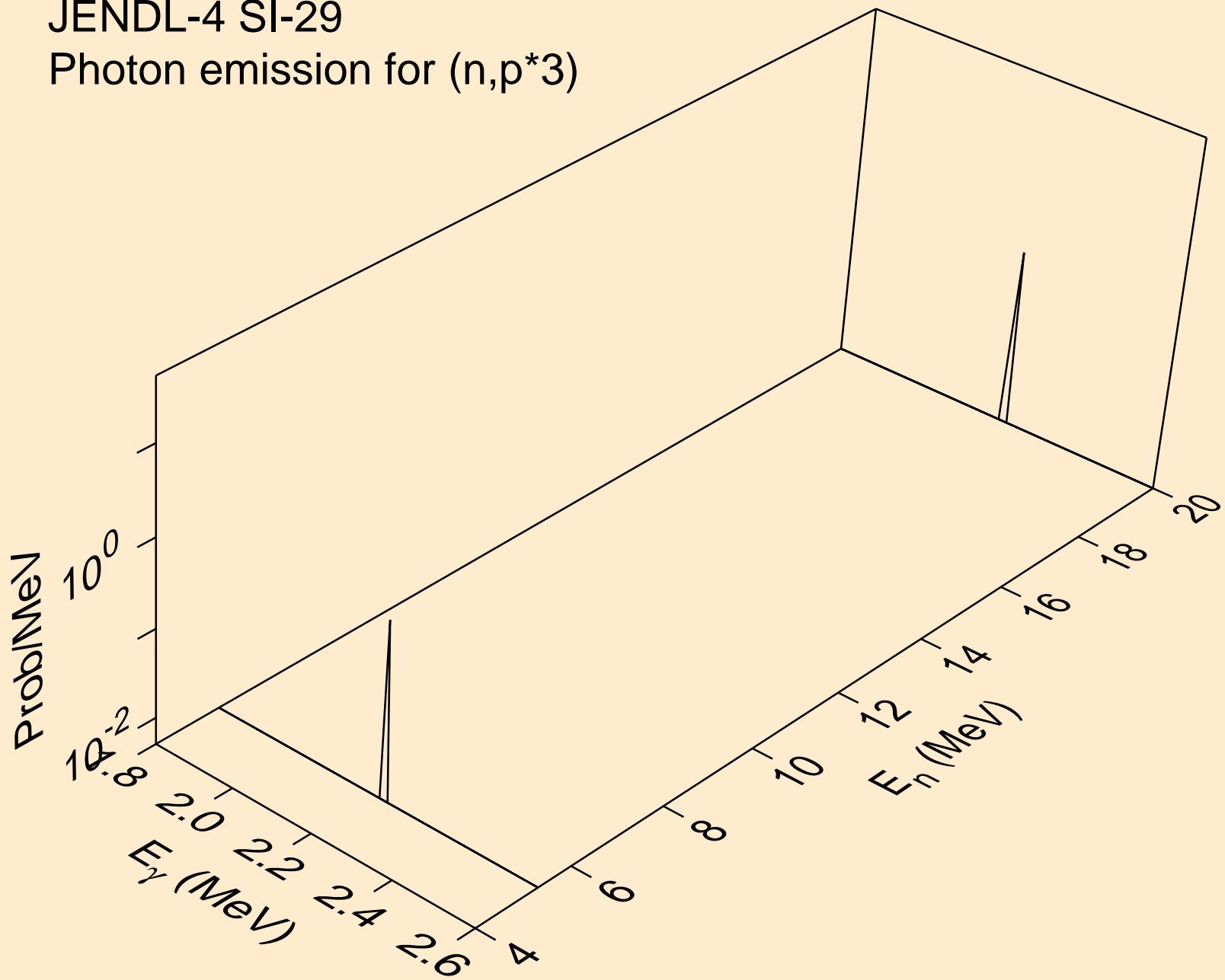
JENDL-4 SI-29  
Photon emission for (n,p\*1)



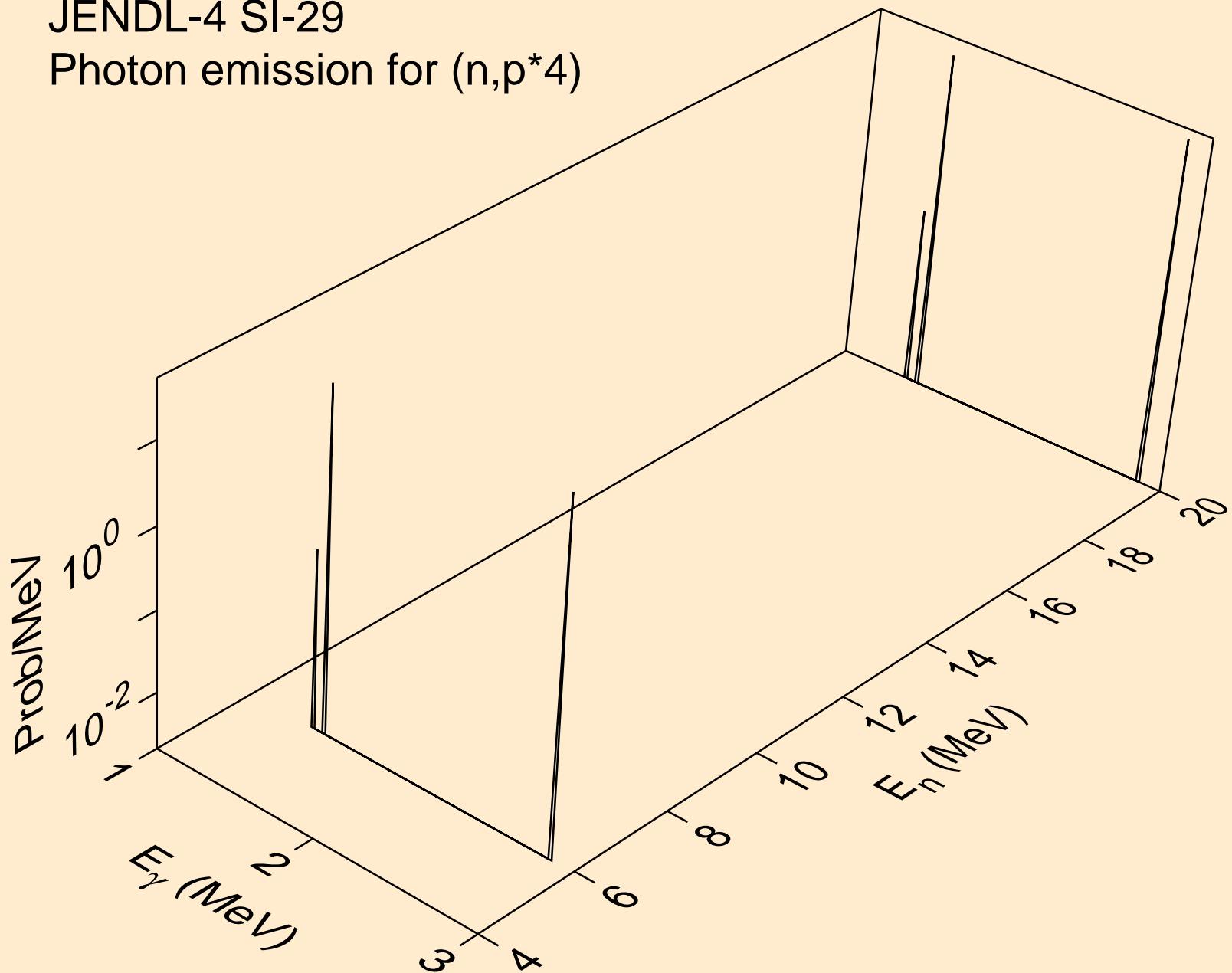
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Photon emission for  $(n,p^*2)$



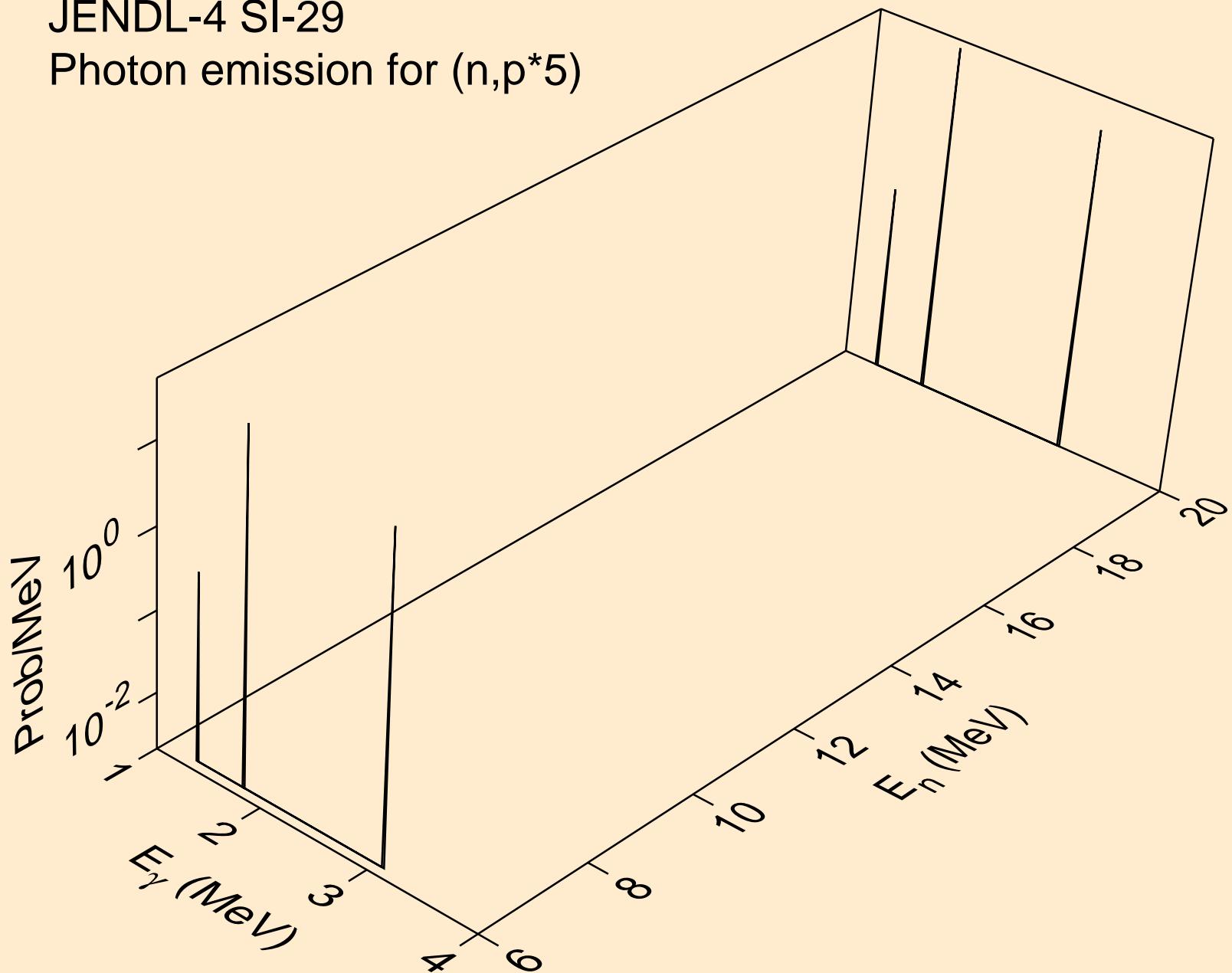
JENDL-4 SI-29  
Photon emission for (n,p\*3)



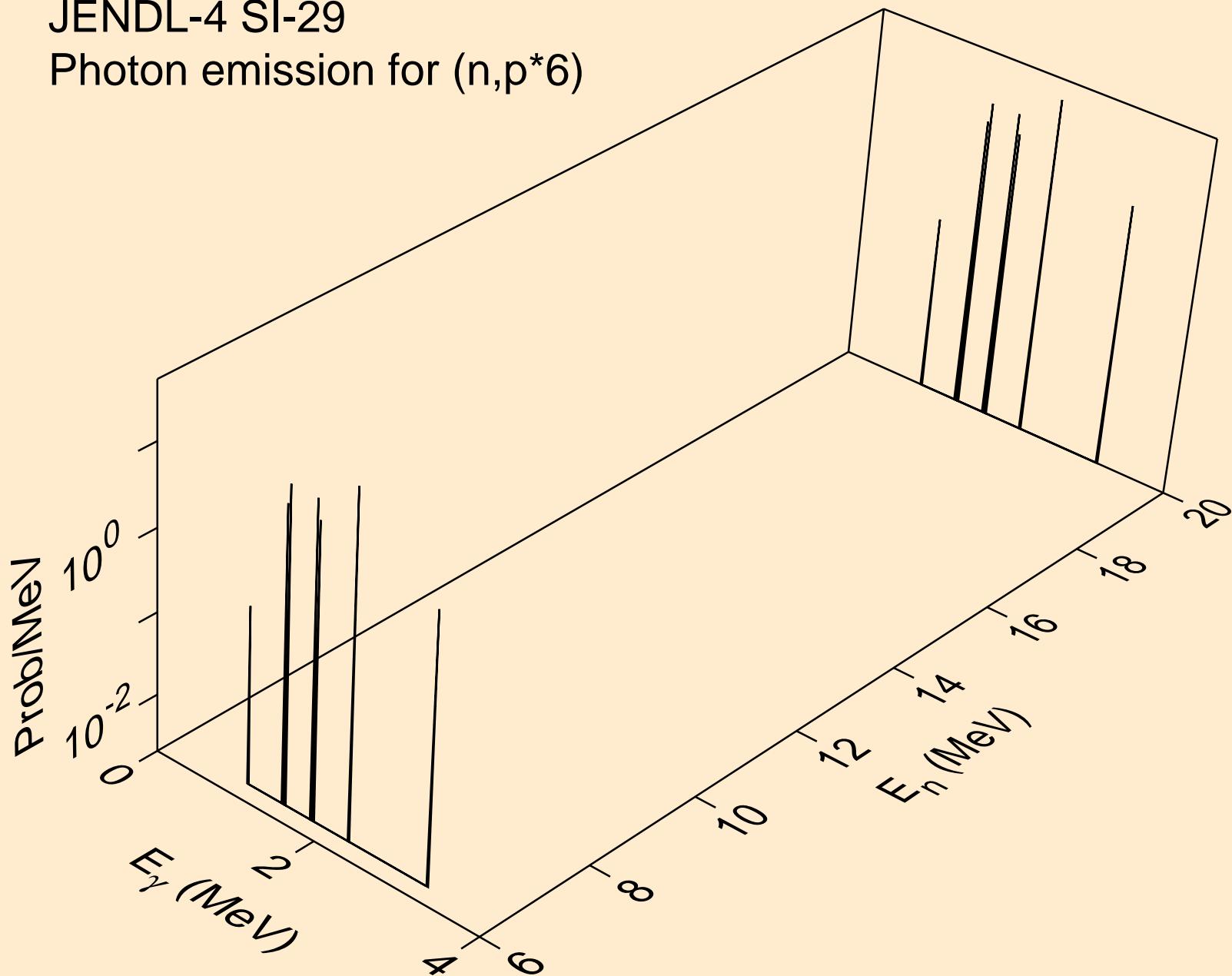
JENDL-4 SI-29  
Photon emission for (n,p\*4)



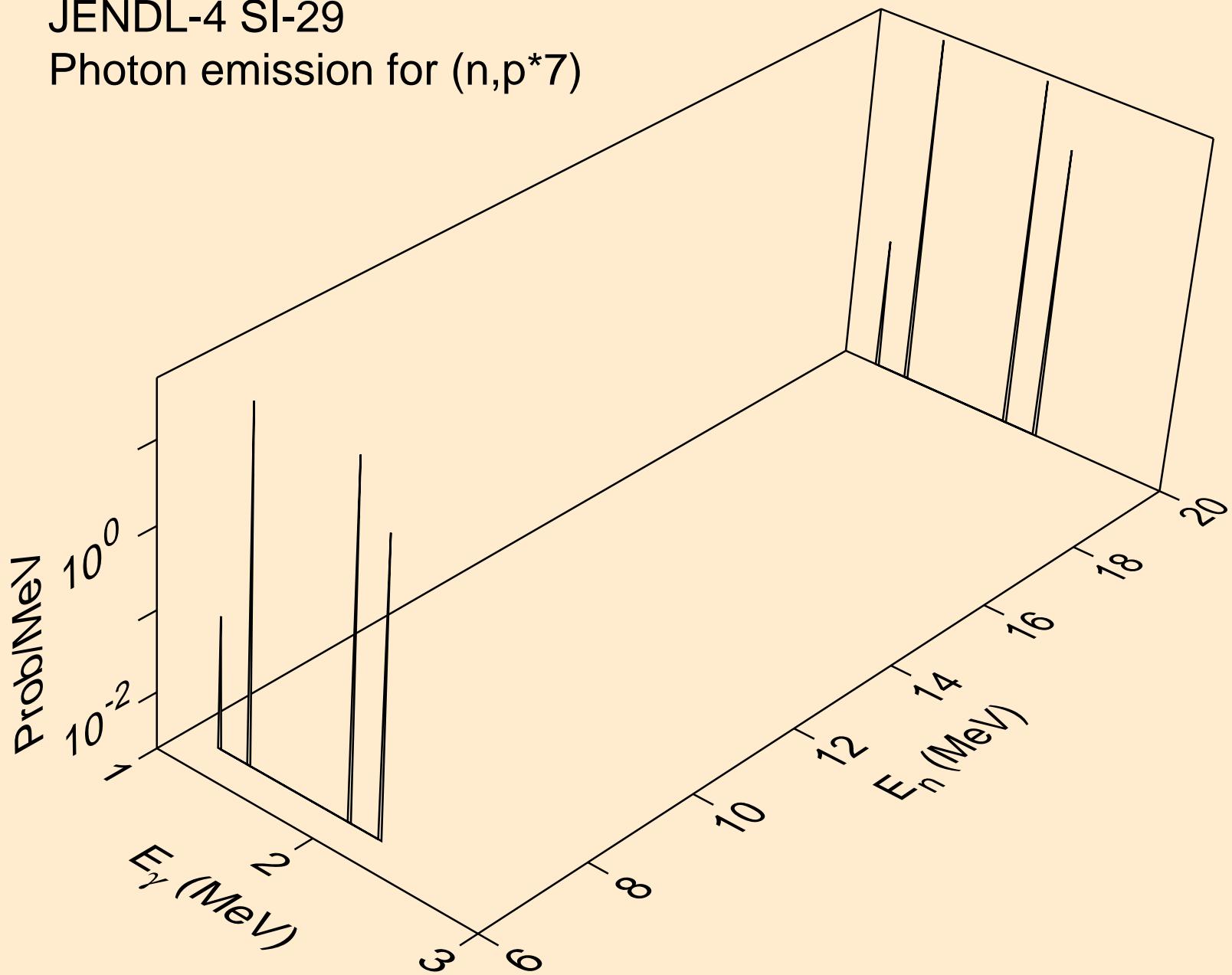
JENDL-4 SI-29  
Photon emission for (n,p\*5)



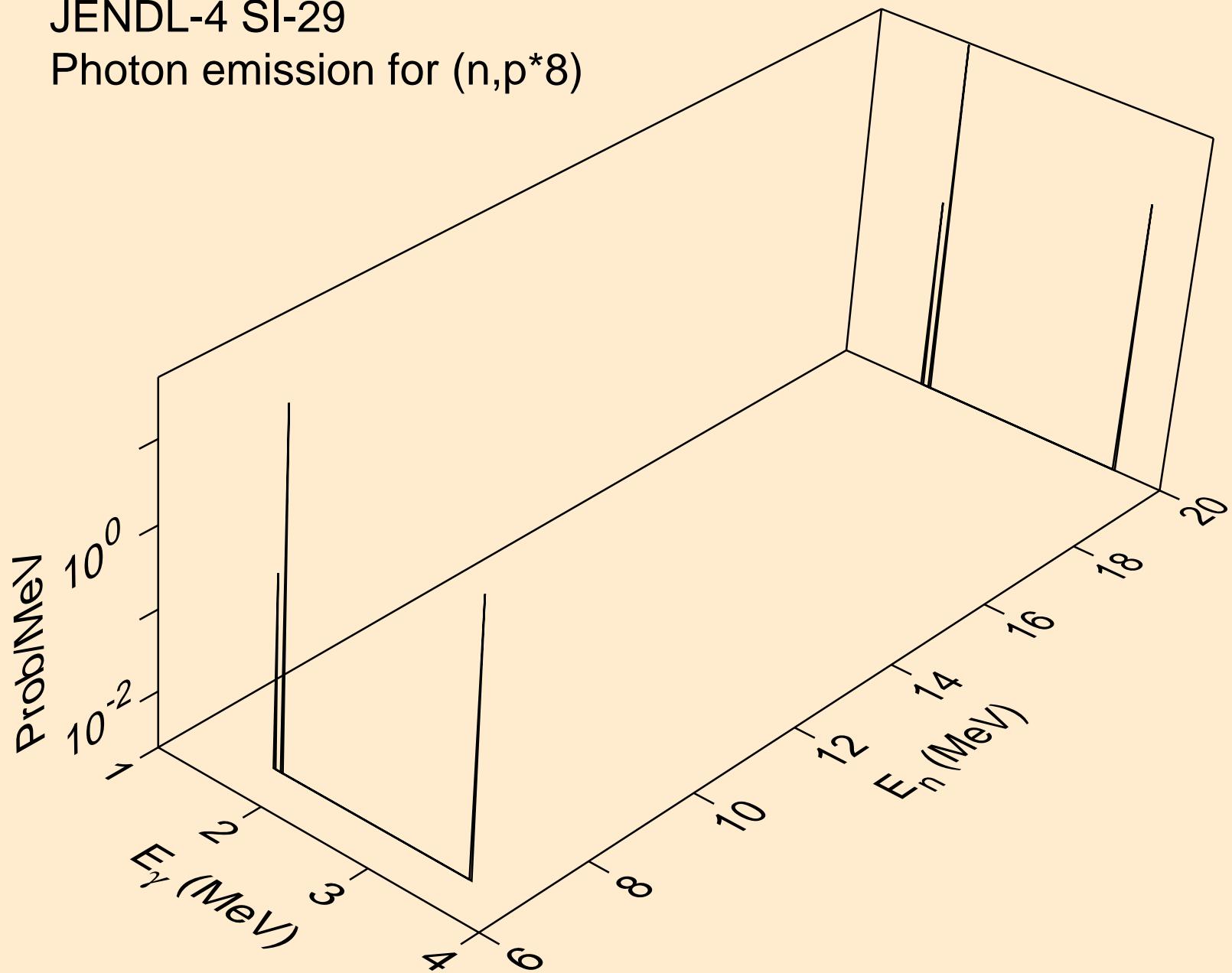
JENDL-4 SI-29  
Photon emission for  $(n,p^*6)$



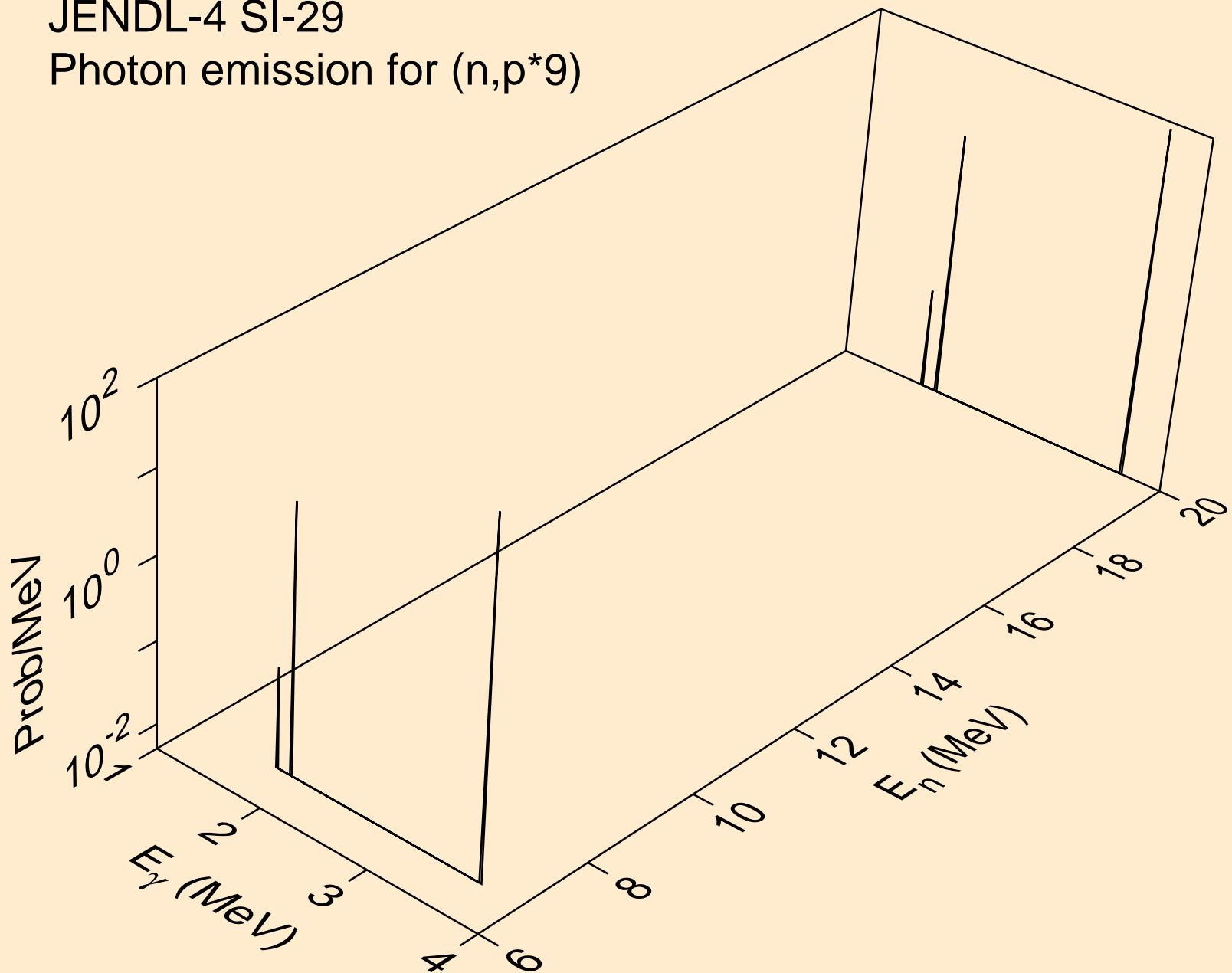
JENDL-4 SI-29  
Photon emission for  $(n,p^*7)$



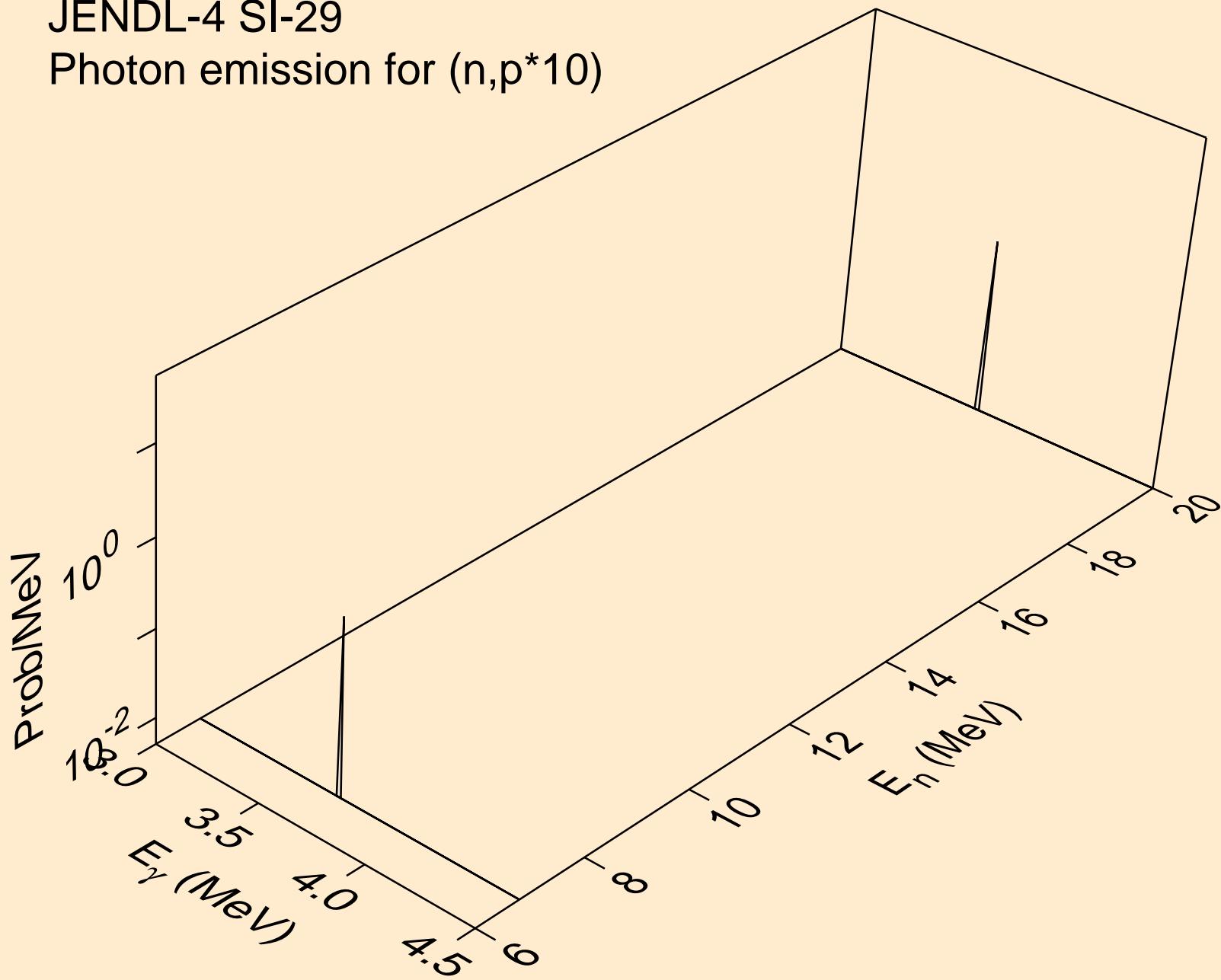
JENDL-4 SI-29  
Photon emission for (n,p\*8)



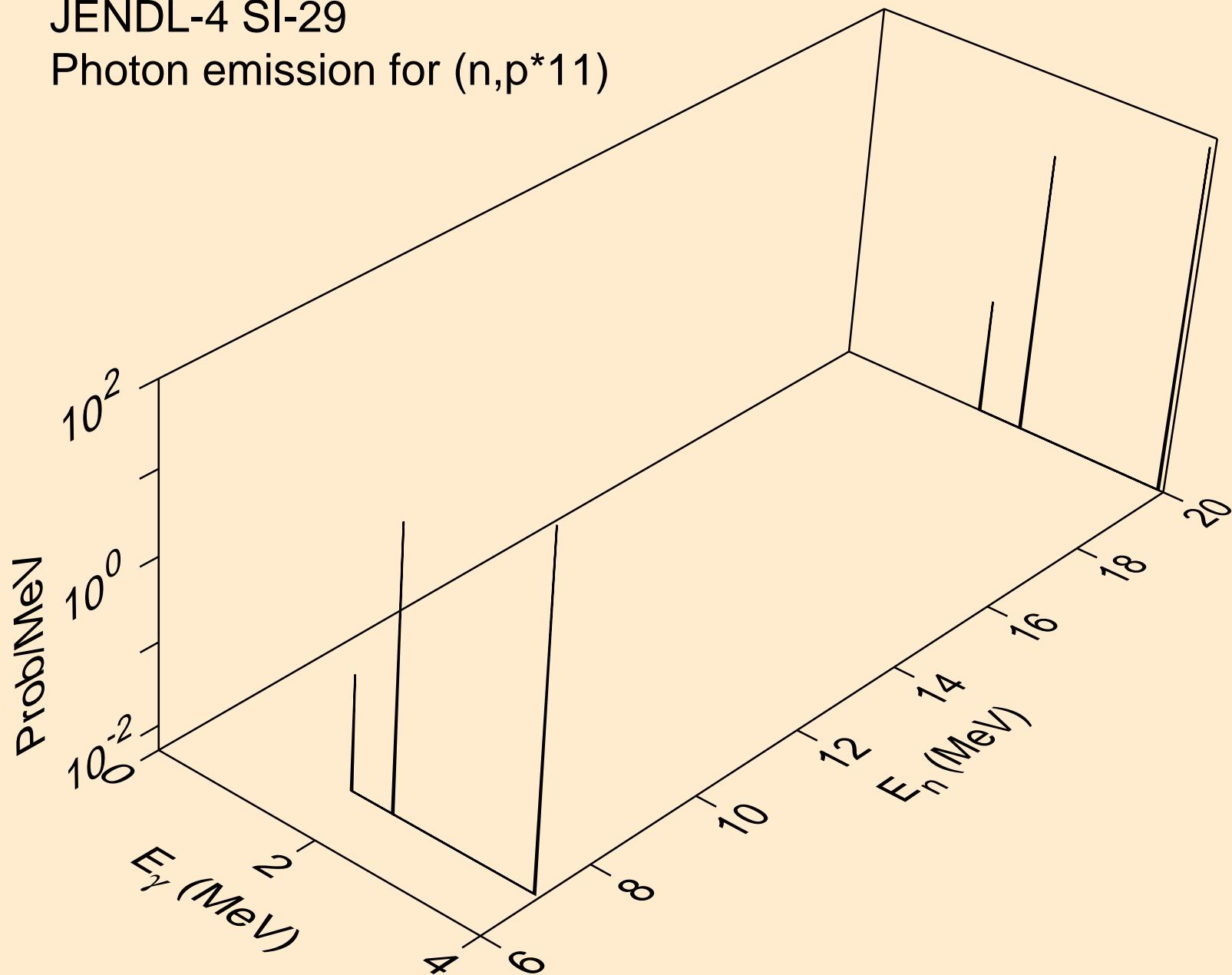
JENDL-4 SI-29  
Photon emission for (n,p\*9)



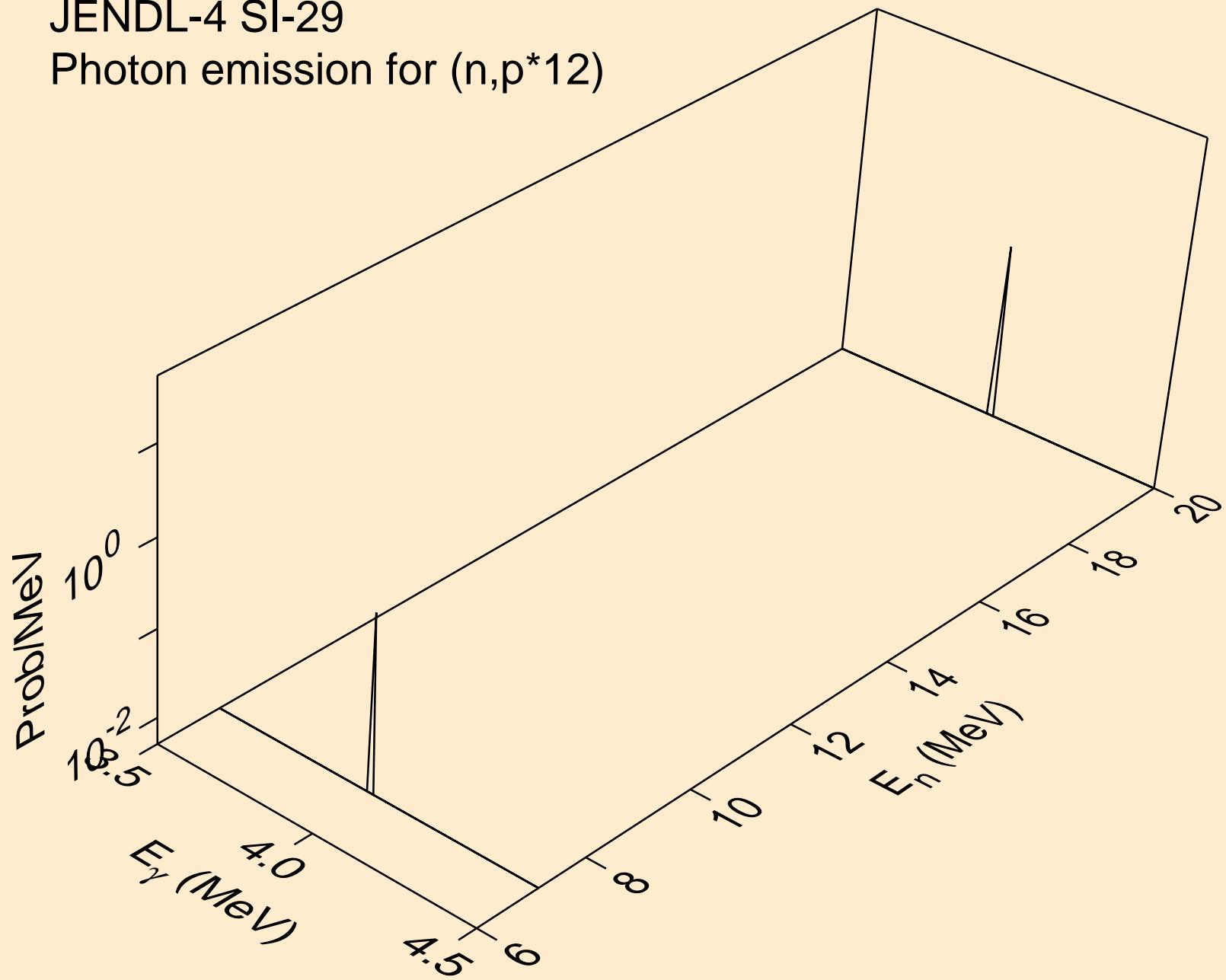
JENDL-4 SI-29  
Photon emission for (n,p\*10)



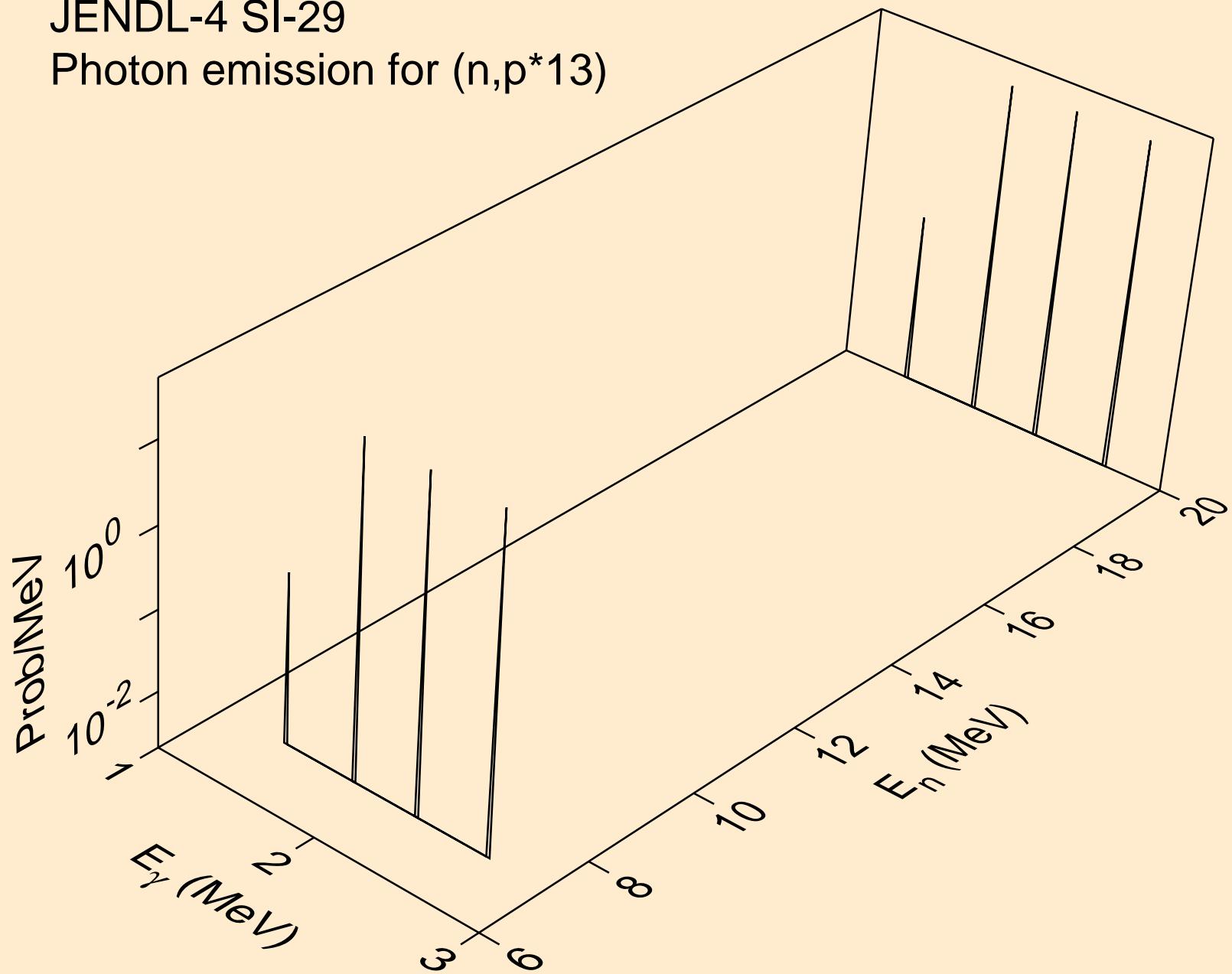
JENDL-4 SI-29  
Photon emission for (n,p\*11)



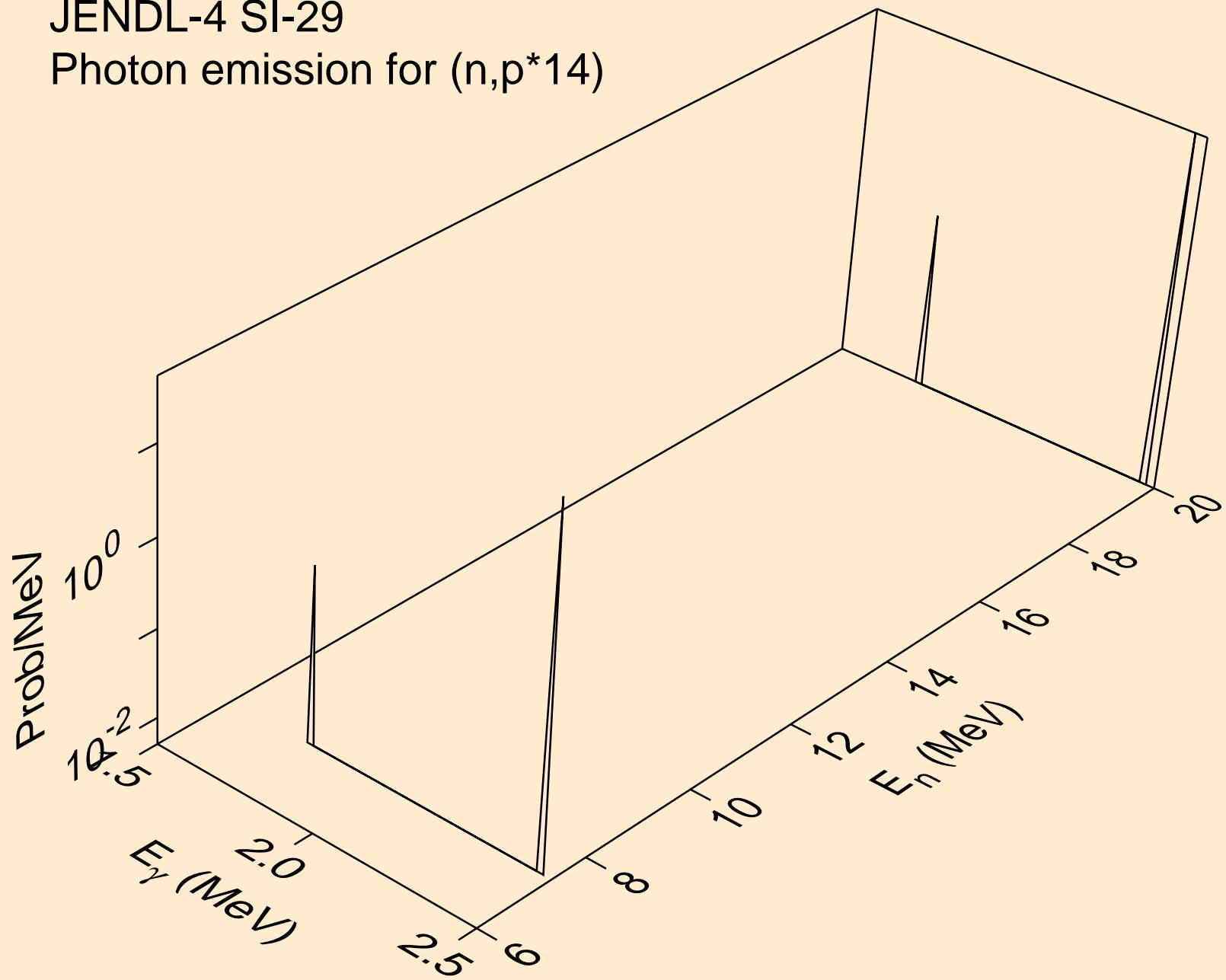
JENDL-4 SI-29  
Photon emission for (n,p\*12)



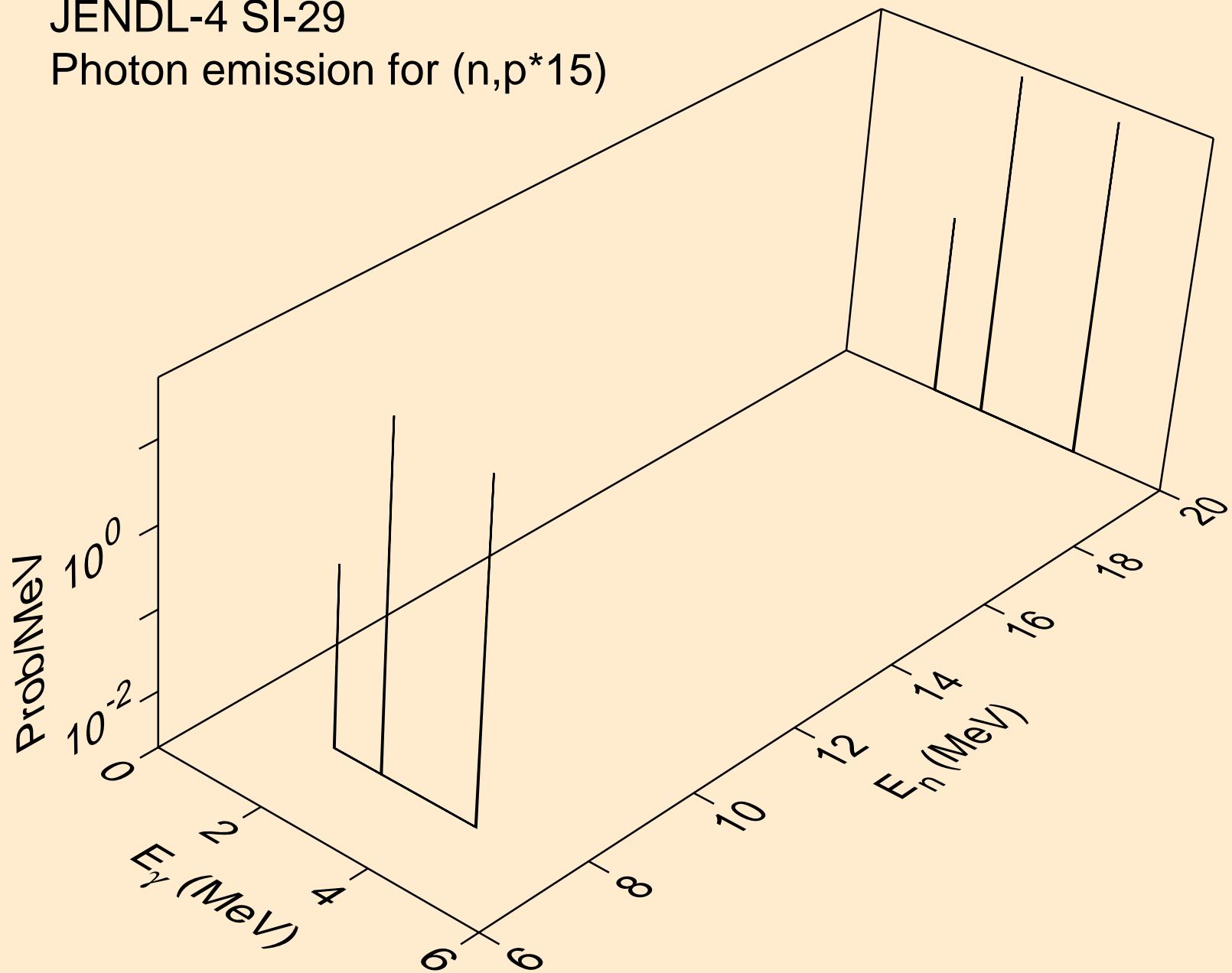
JENDL-4 SI-29  
Photon emission for (n,p\*13)



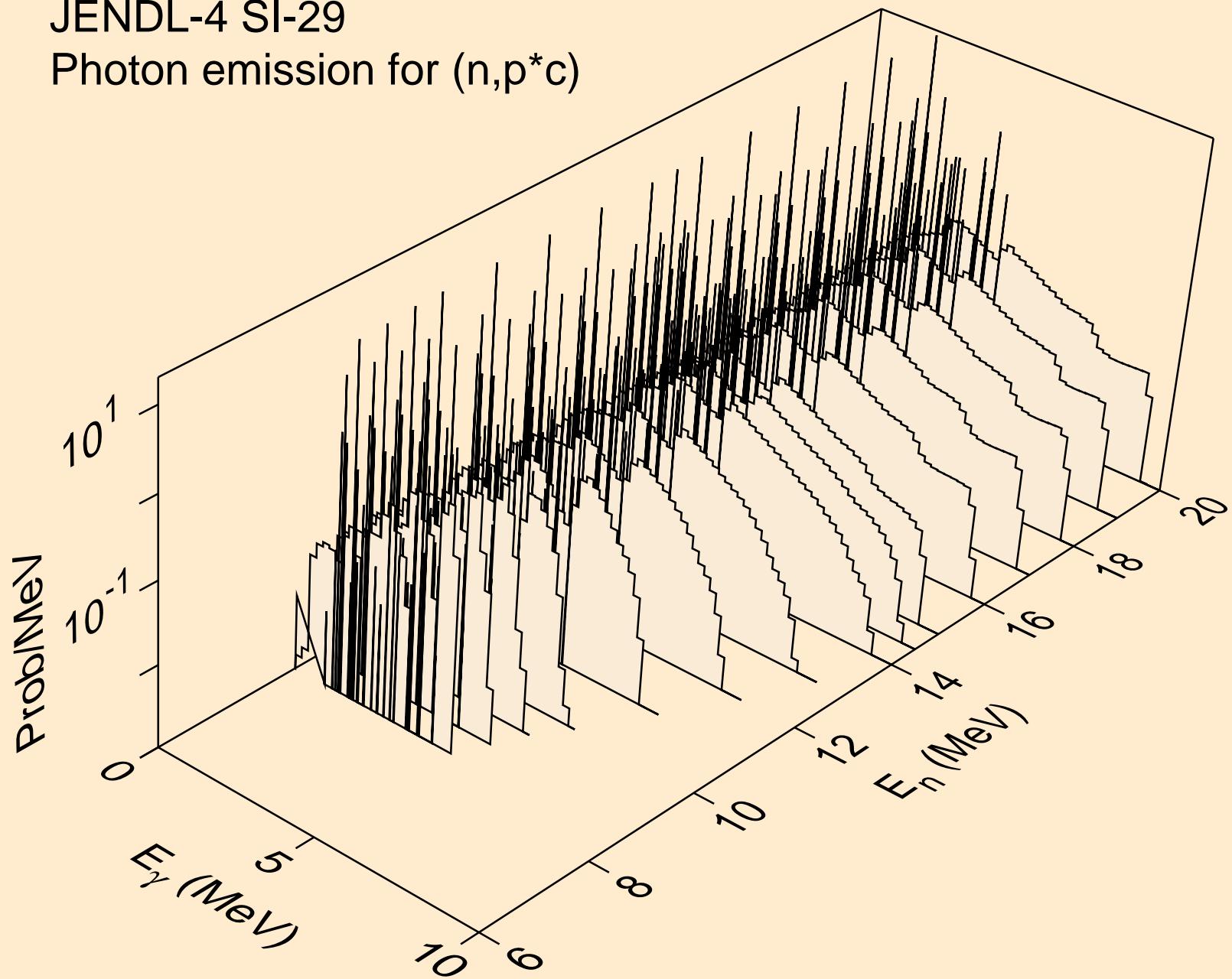
JENDL-4 SI-29  
Photon emission for ( $n,p^*14$ )



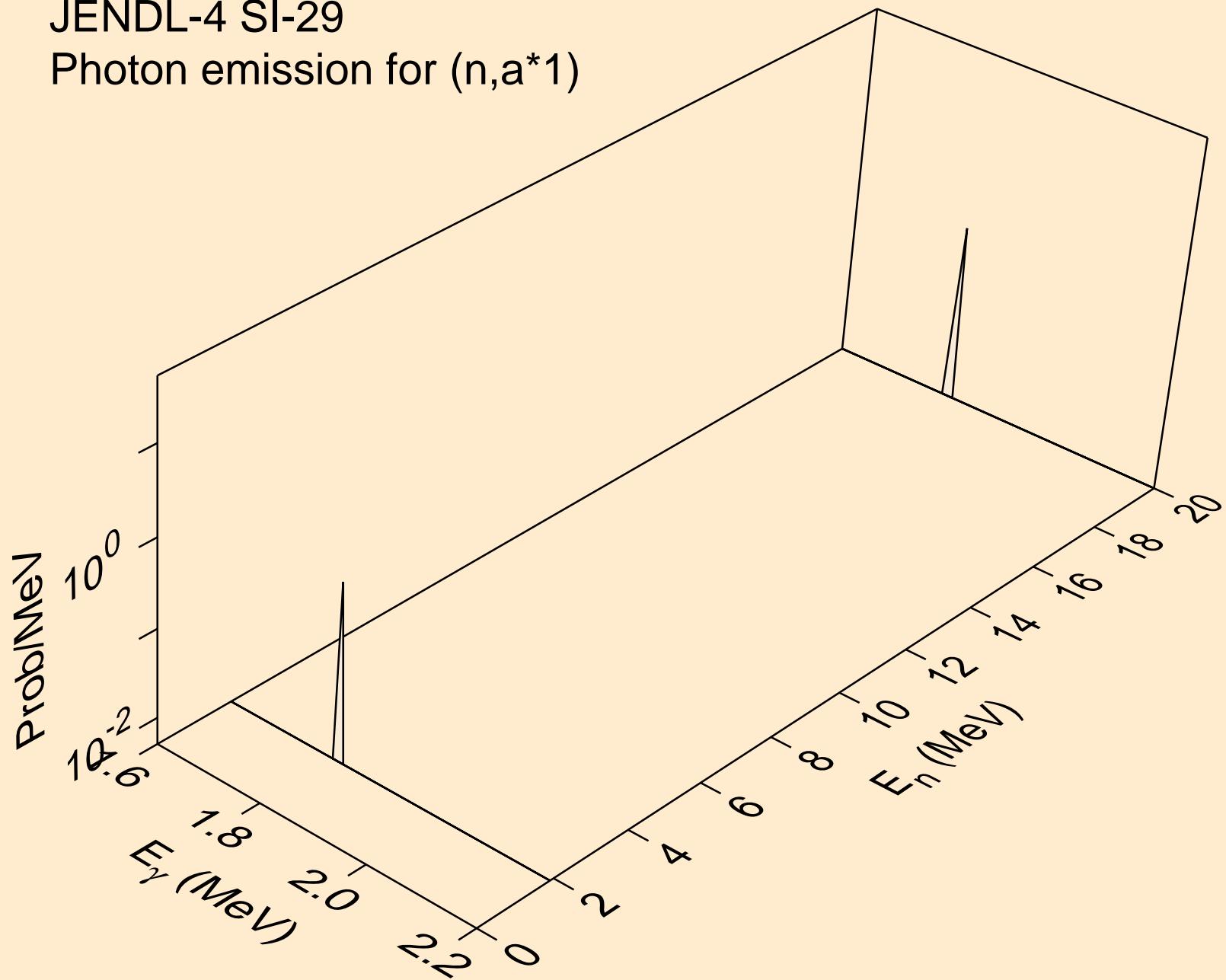
JENDL-4 SI-29  
Photon emission for ( $n,p^*15$ )



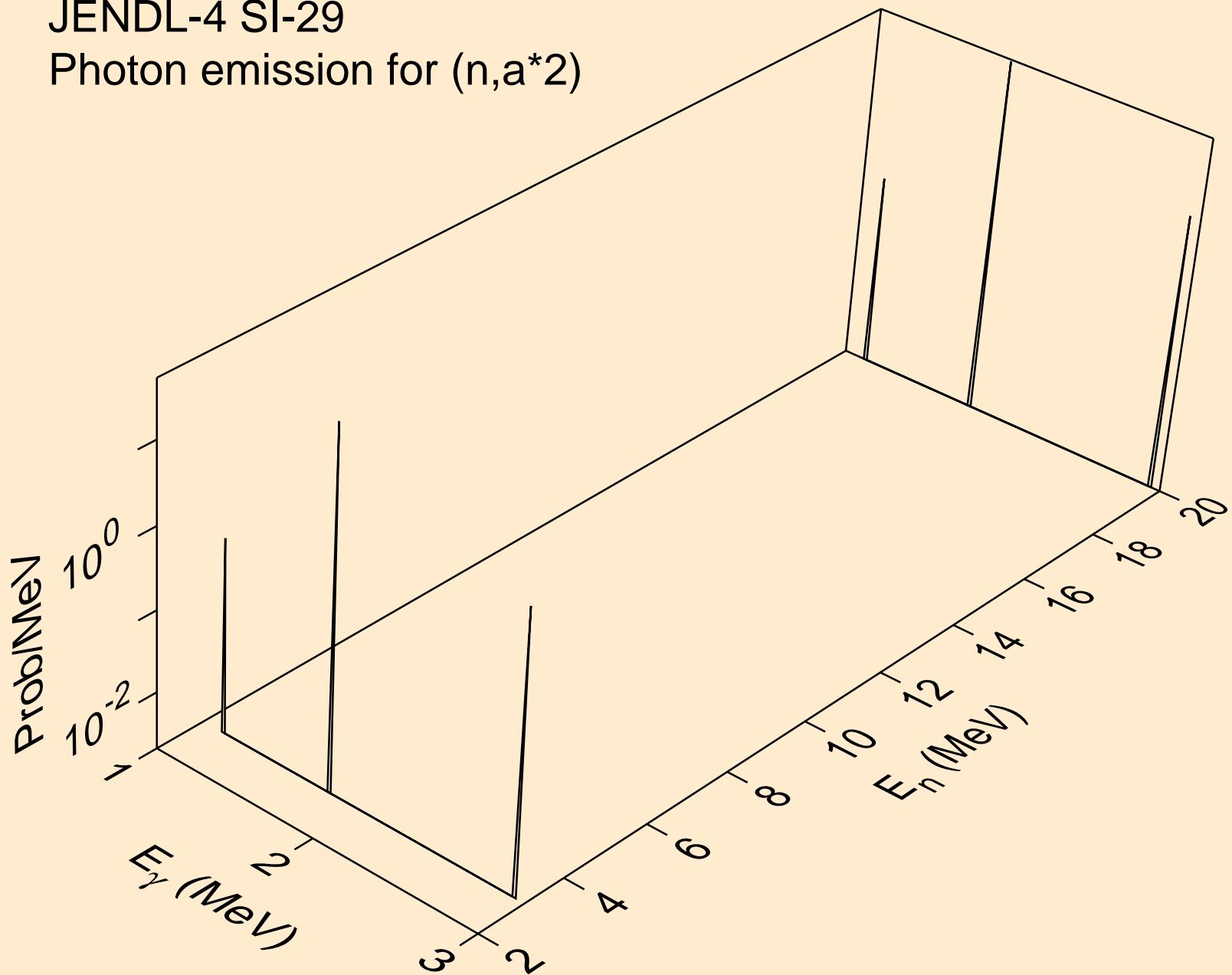
JENDL-4 SI-29  
Photon emission for  $(n, p^* c)$



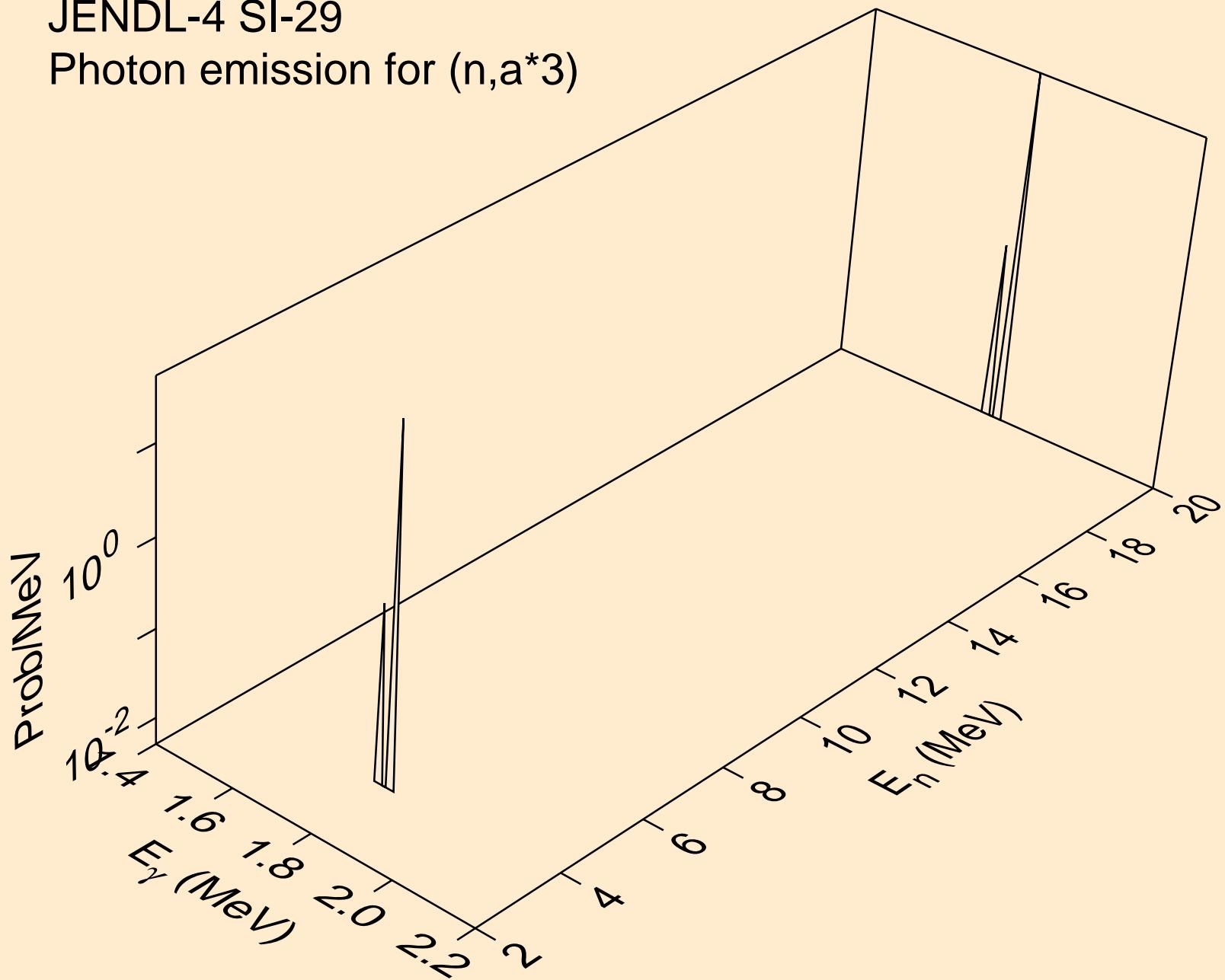
JENDL-4 SI-29  
Photon emission for  $(n,a^*1)$



JENDL-4 SI-29  
Photon emission for  $(n,a^*2)$

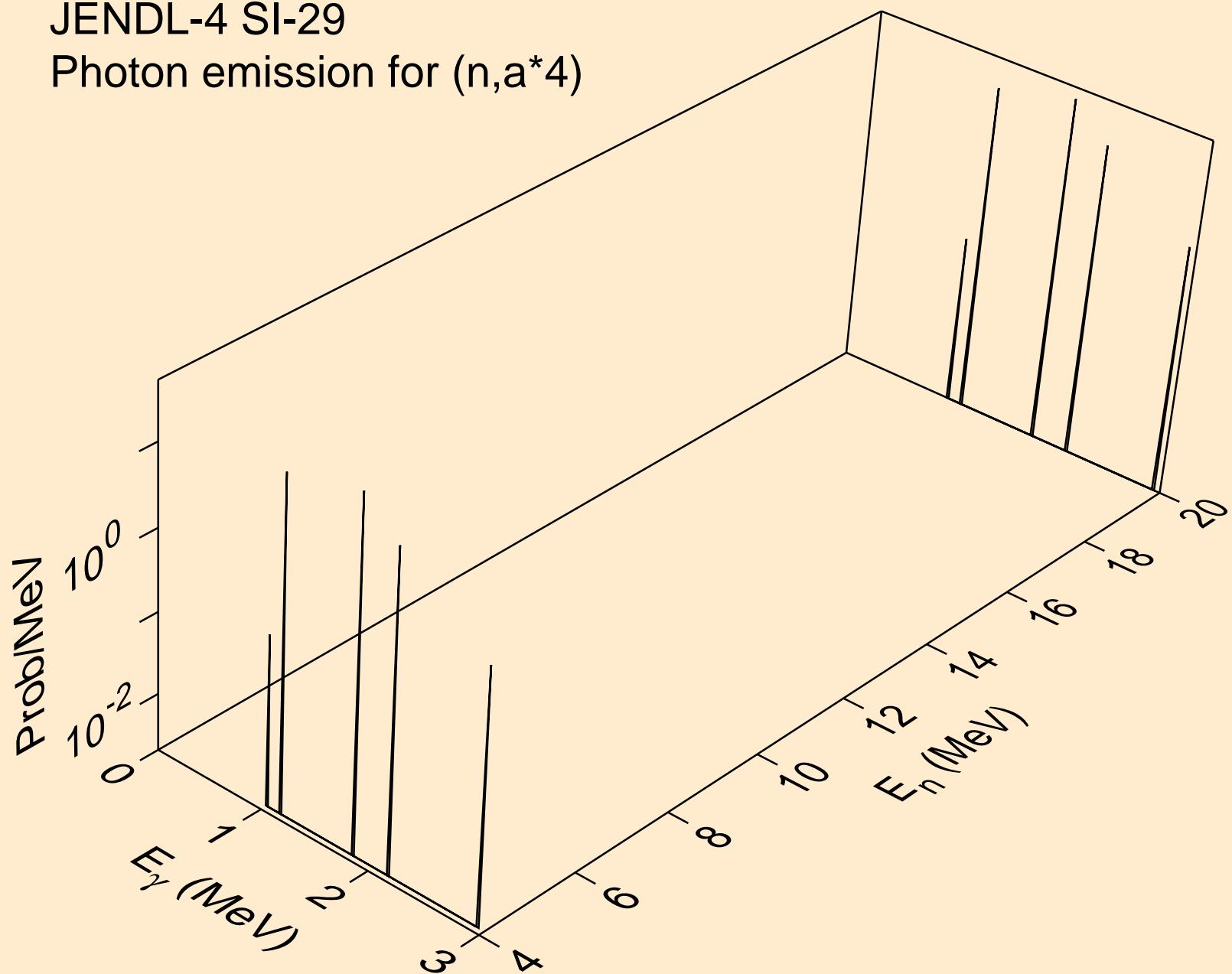


JENDL-4 SI-29  
Photon emission for  $(n,a^*3)$

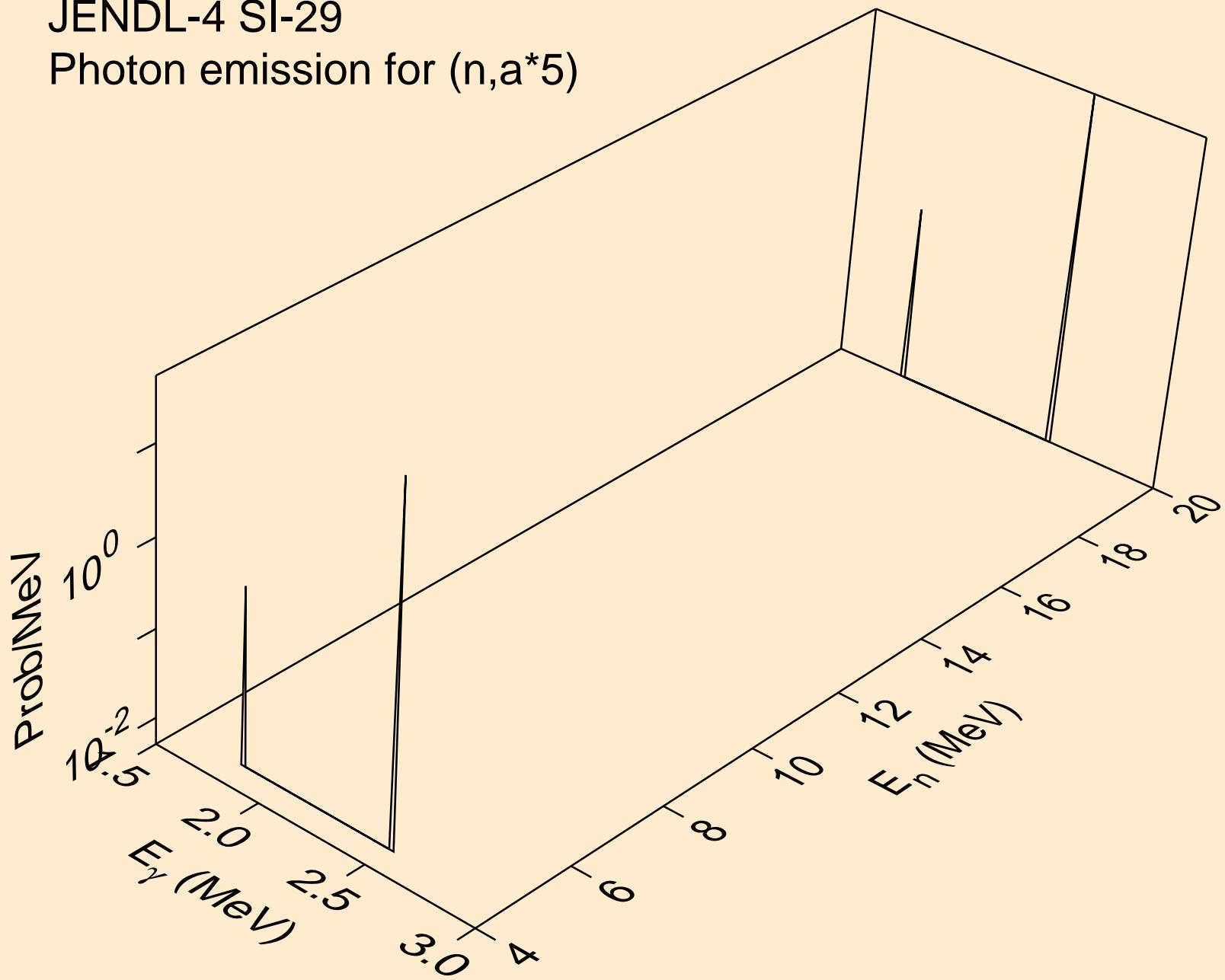


# JENDL-4 SI-29

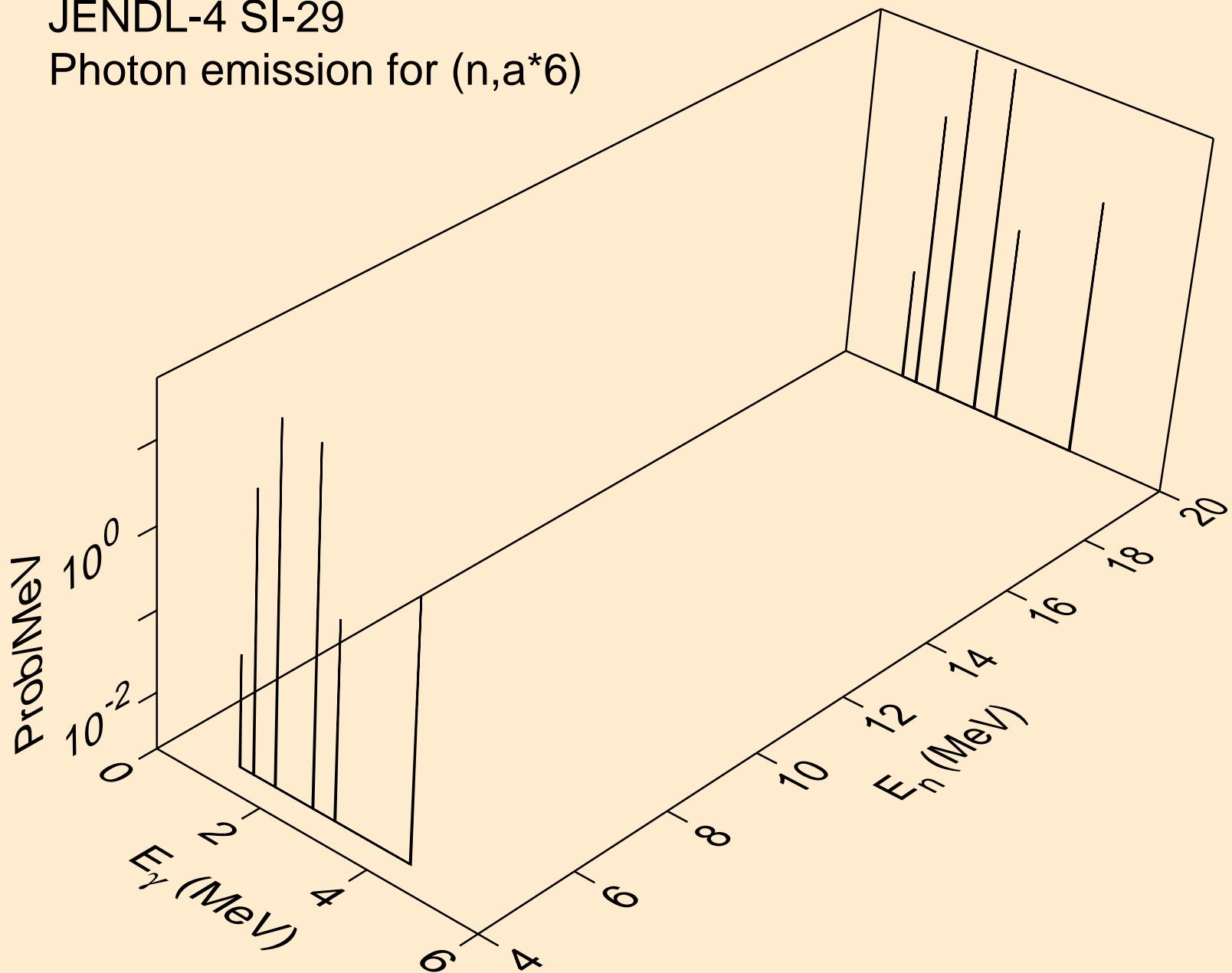
## Photon emission for (n,a\*4)



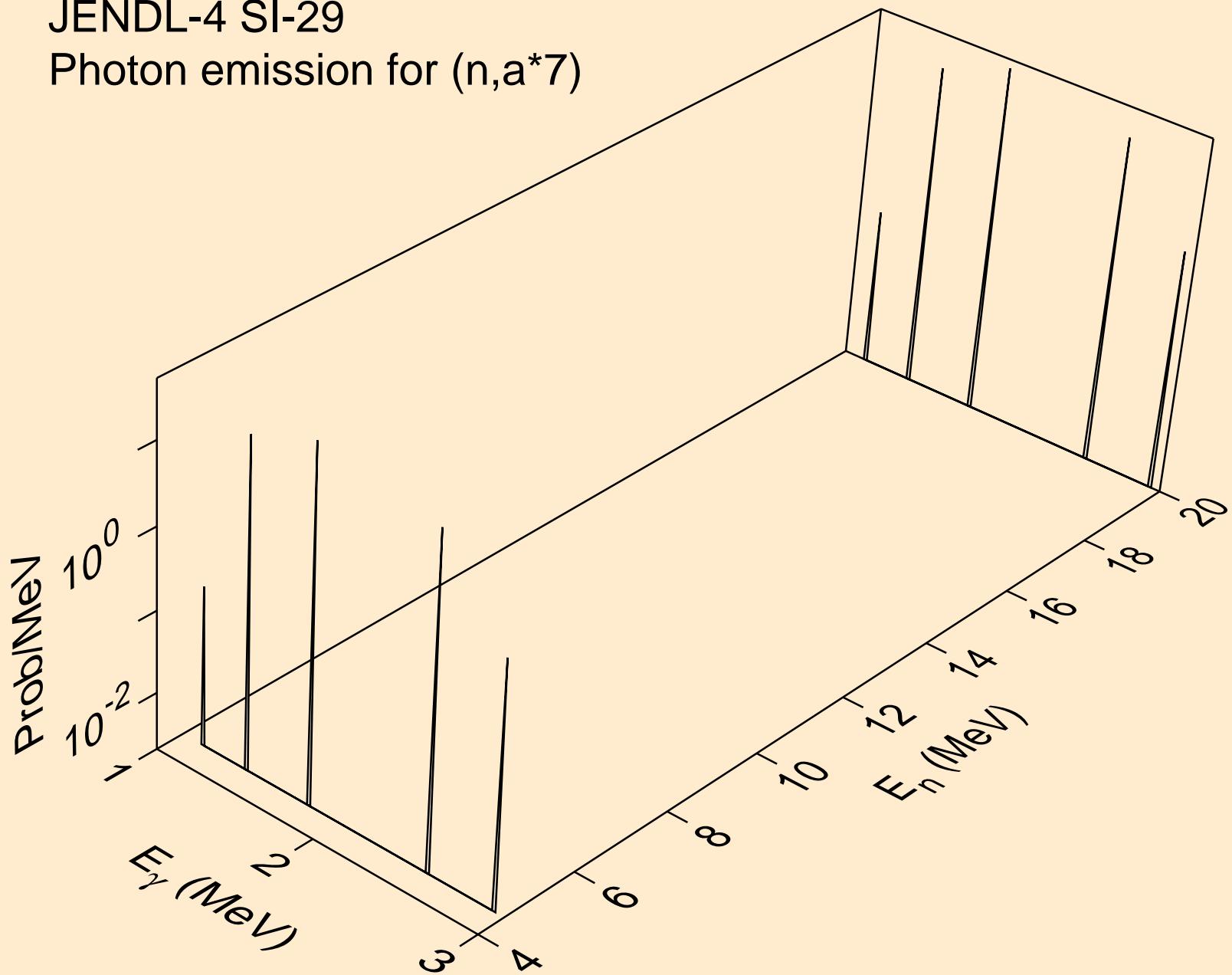
JENDL-4 SI-29  
Photon emission for  $(n,a^*5)$



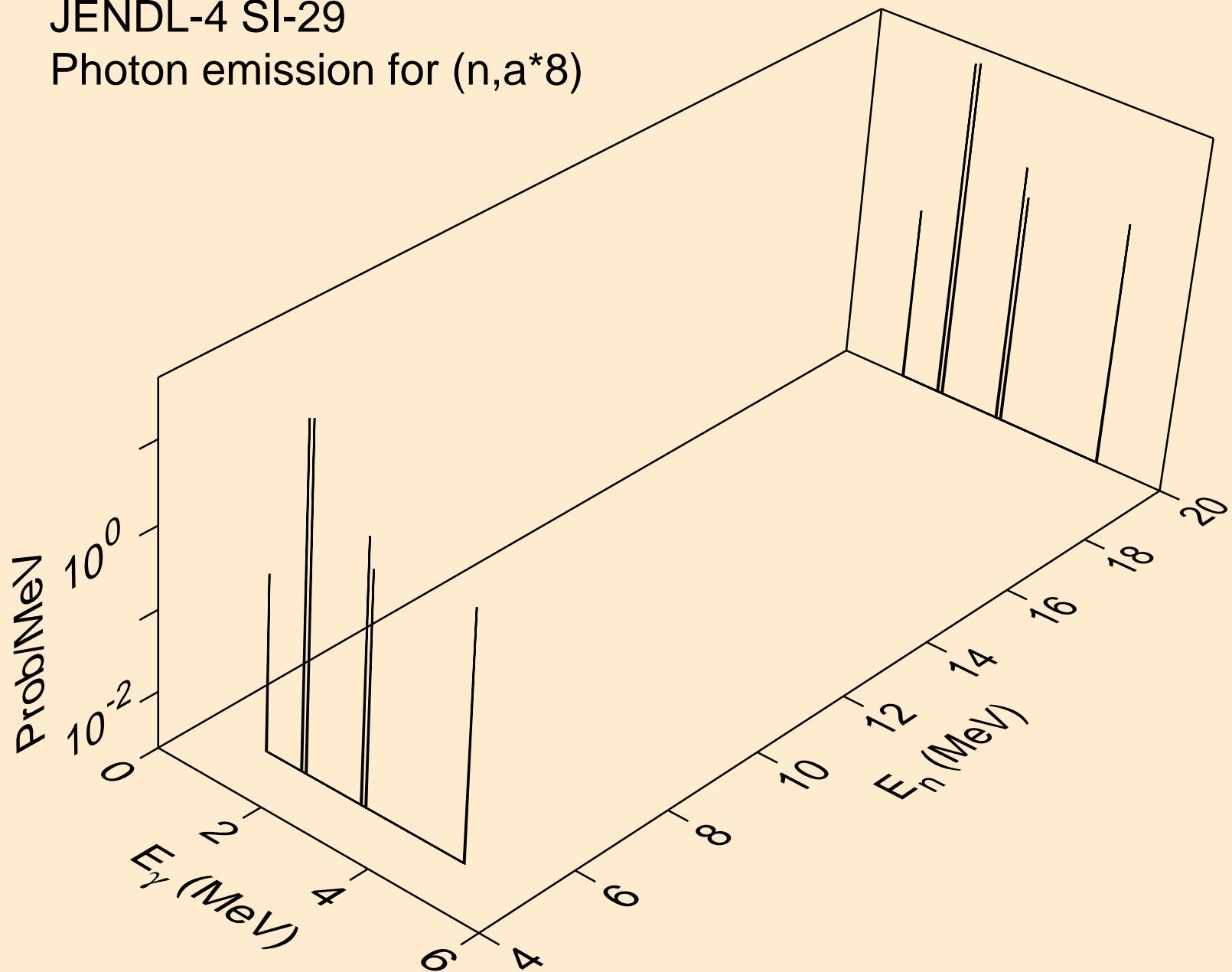
JENDL-4 SI-29  
Photon emission for  $(n,a^*6)$



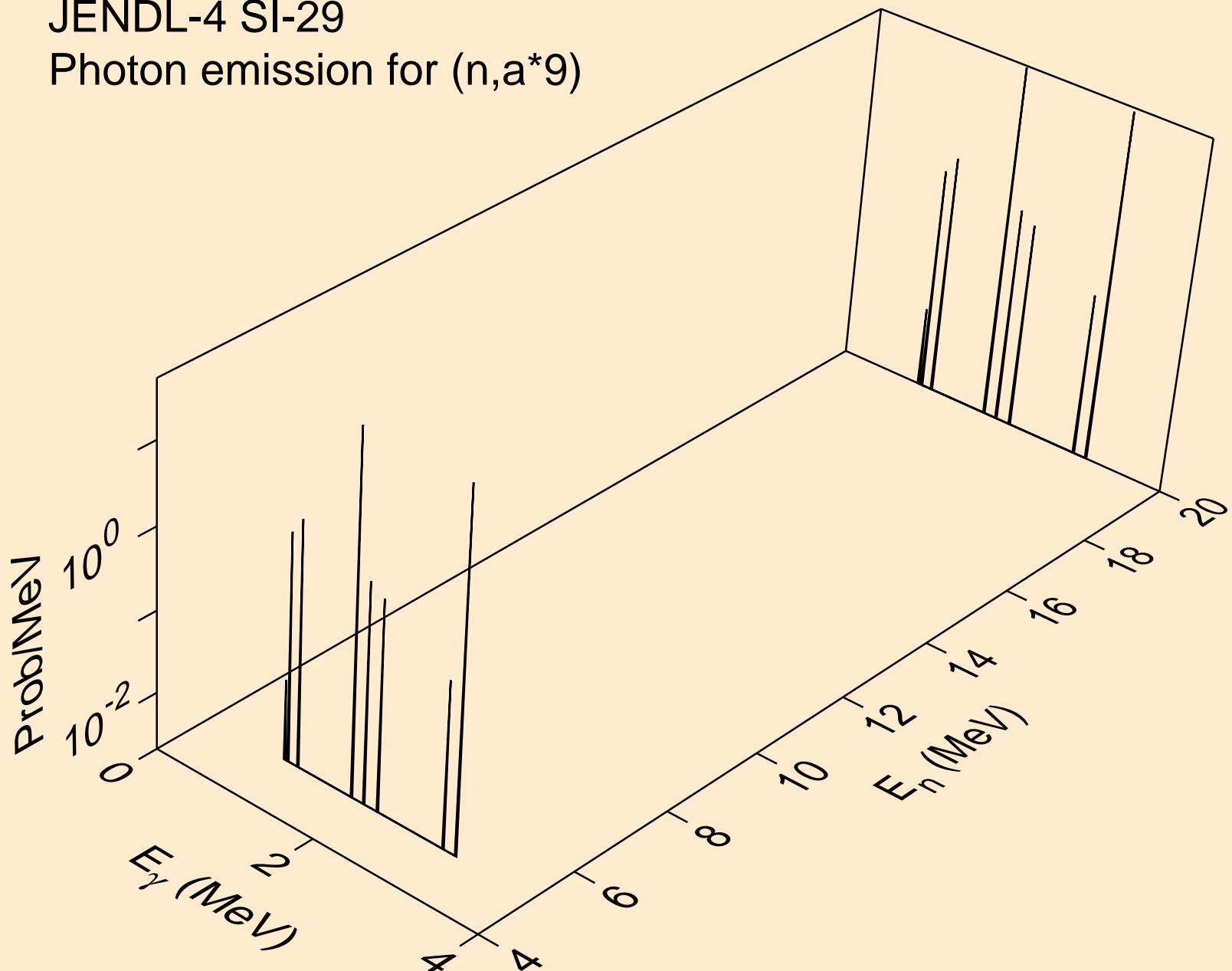
JENDL-4 SI-29  
Photon emission for  $(n,a^*7)$



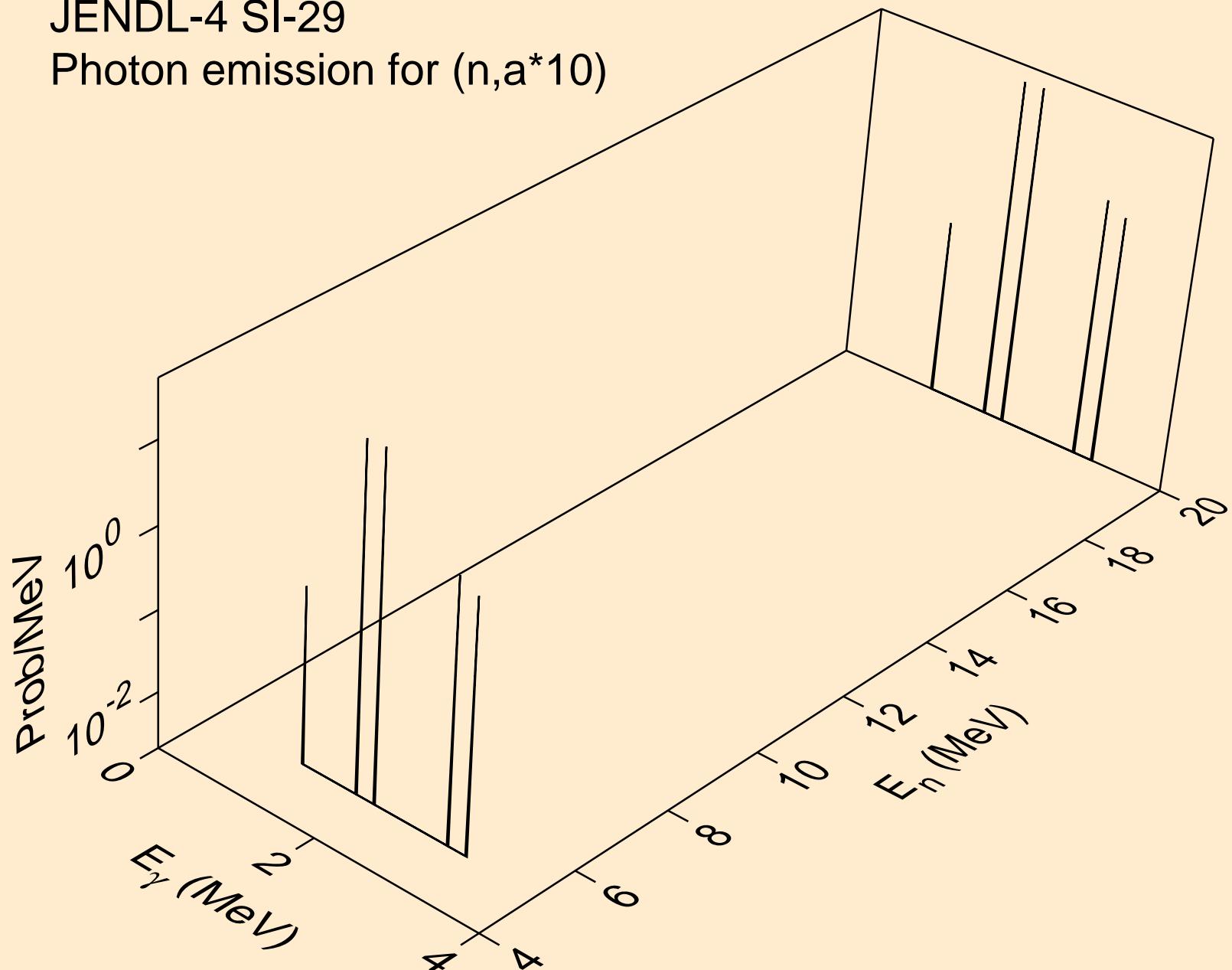
JENDL-4 SI-29  
Photon emission for  $(n,a^*8)$



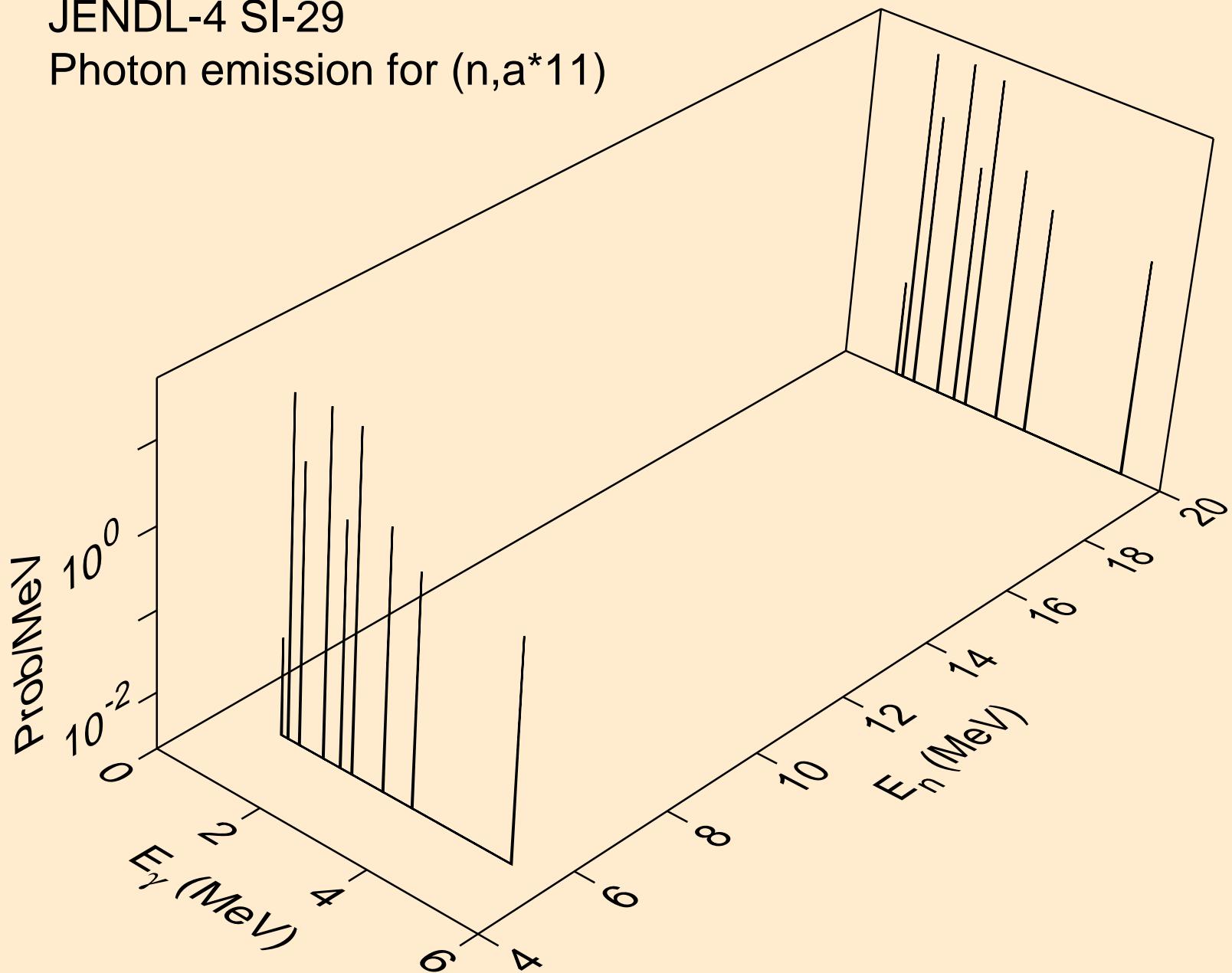
JENDL-4 SI-29  
Photon emission for  $(n,a^*9)$



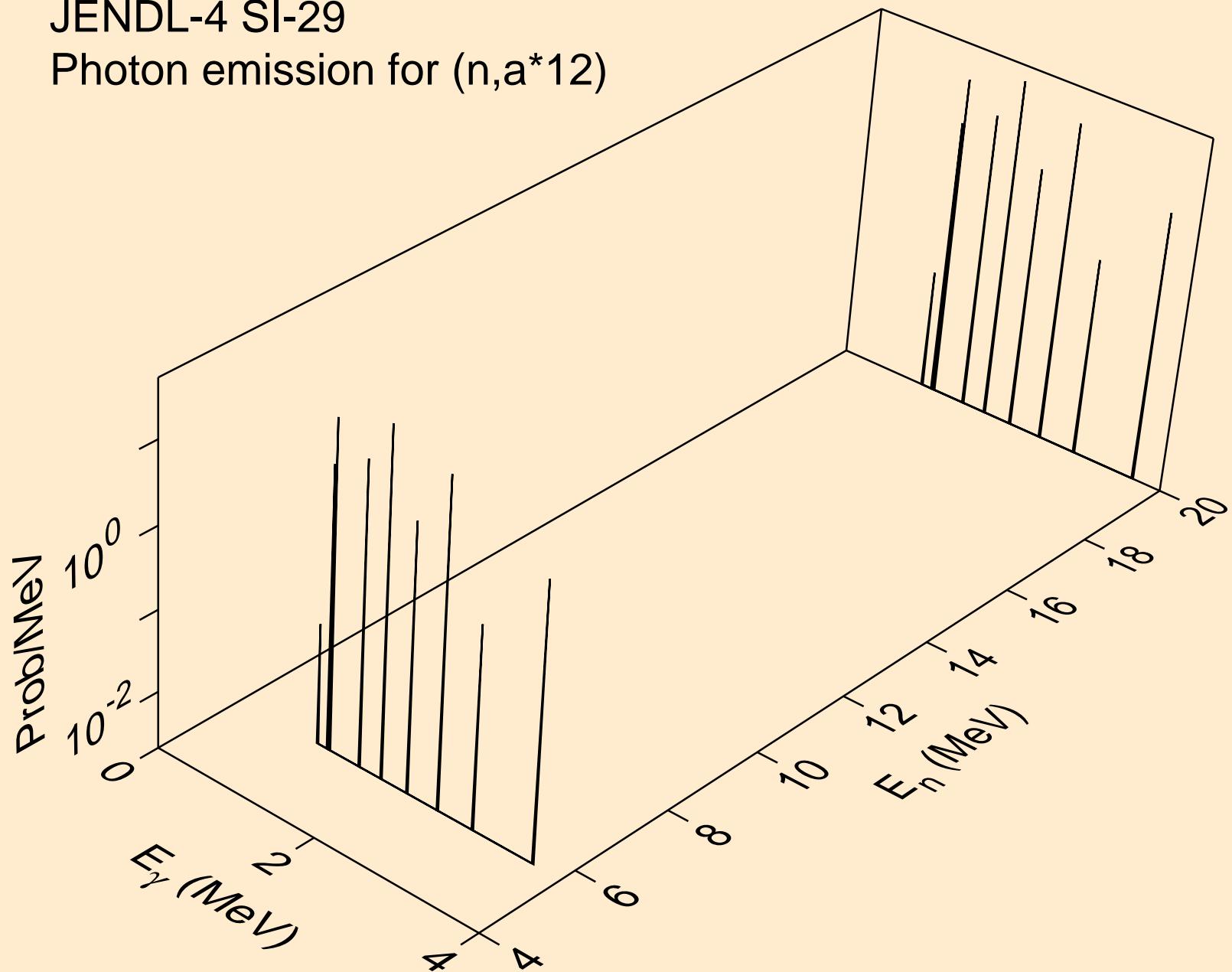
JENDL-4 SI-29  
Photon emission for  $(n,a \times 10)$



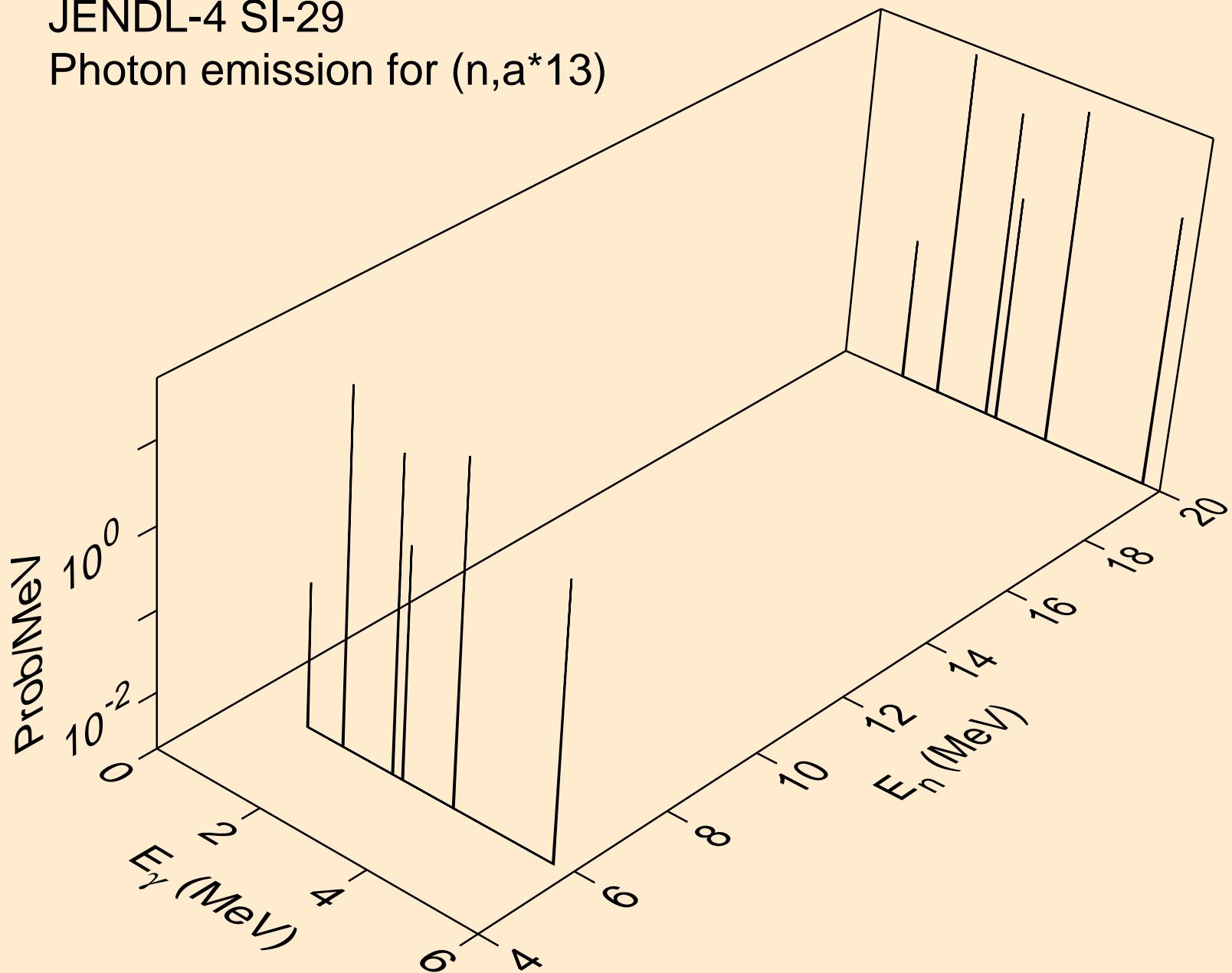
JENDL-4 SI-29  
Photon emission for  $(n,a^{*}11)$



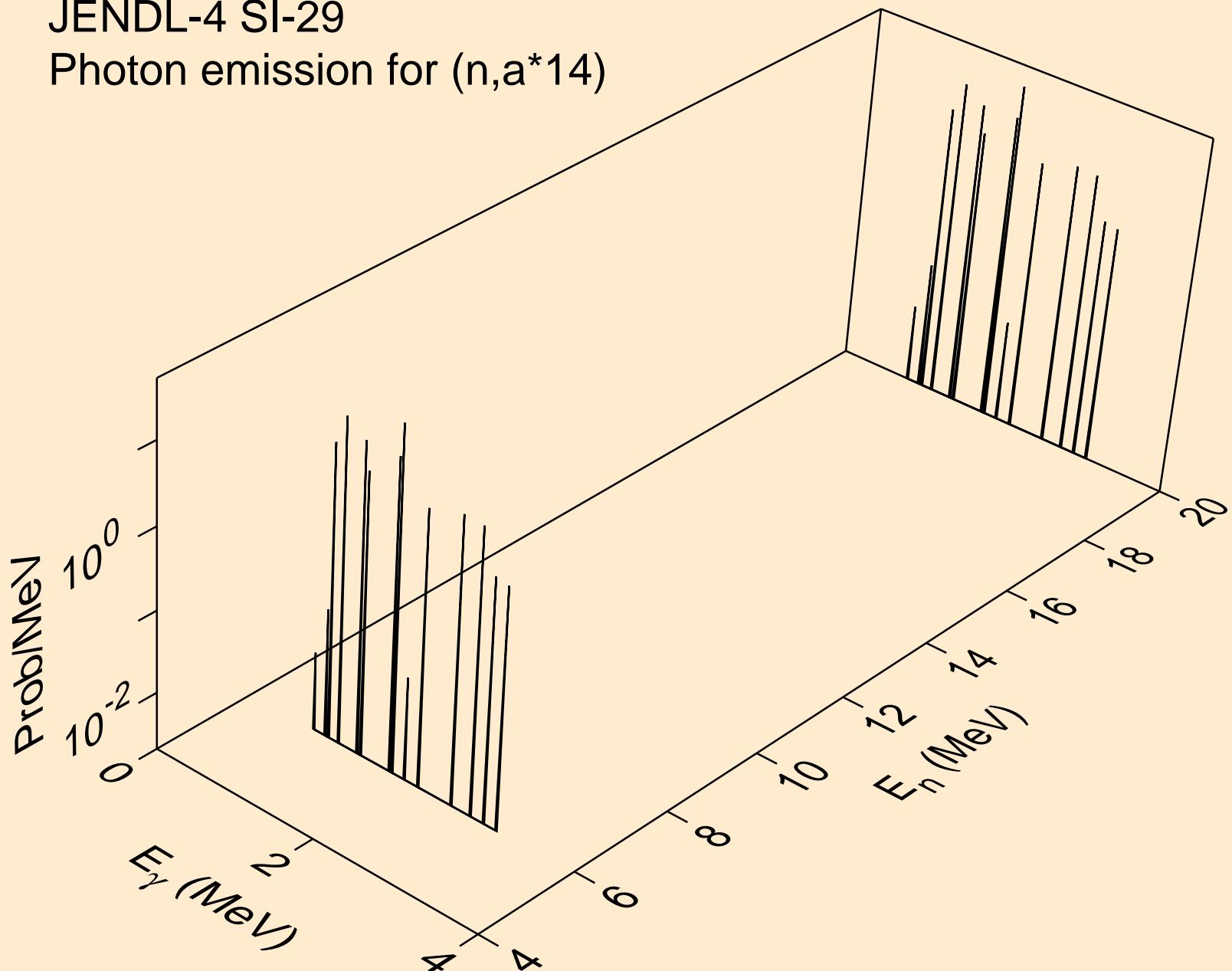
JENDL-4 SI-29  
Photon emission for  $(n,a^*12)$



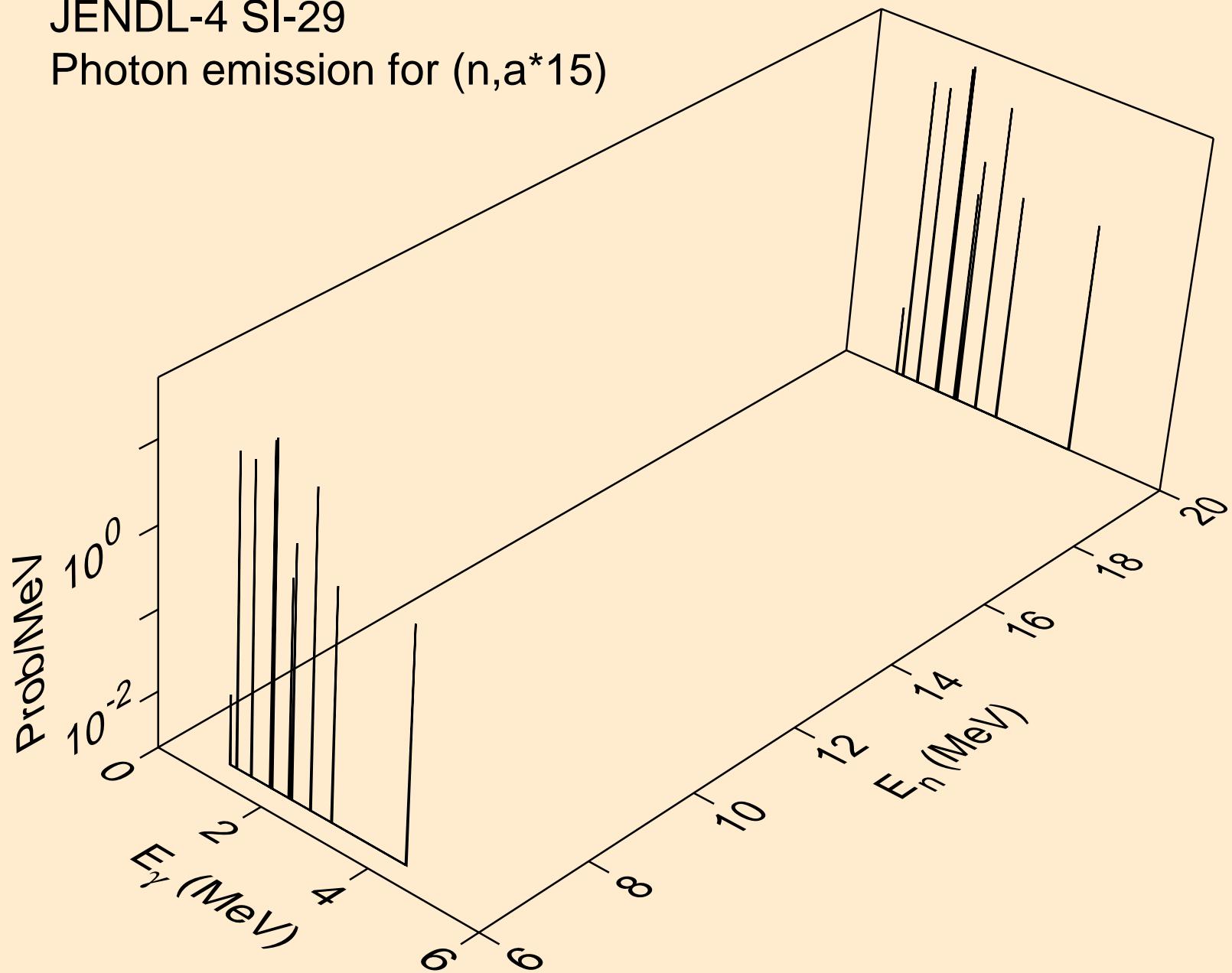
JENDL-4 SI-29  
Photon emission for  $(n,a^*13)$



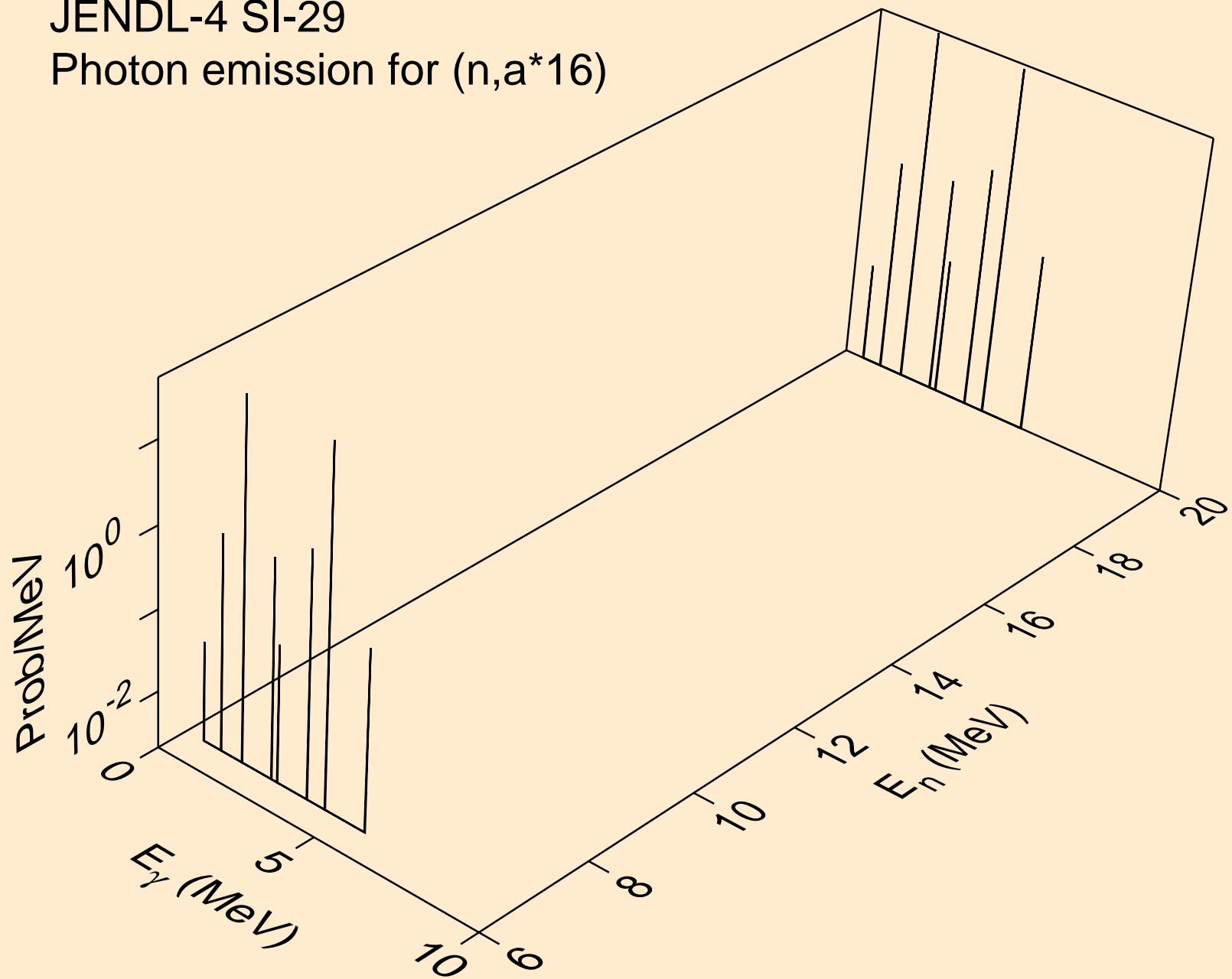
JENDL-4 SI-29  
Photon emission for  $(n,a^*14)$



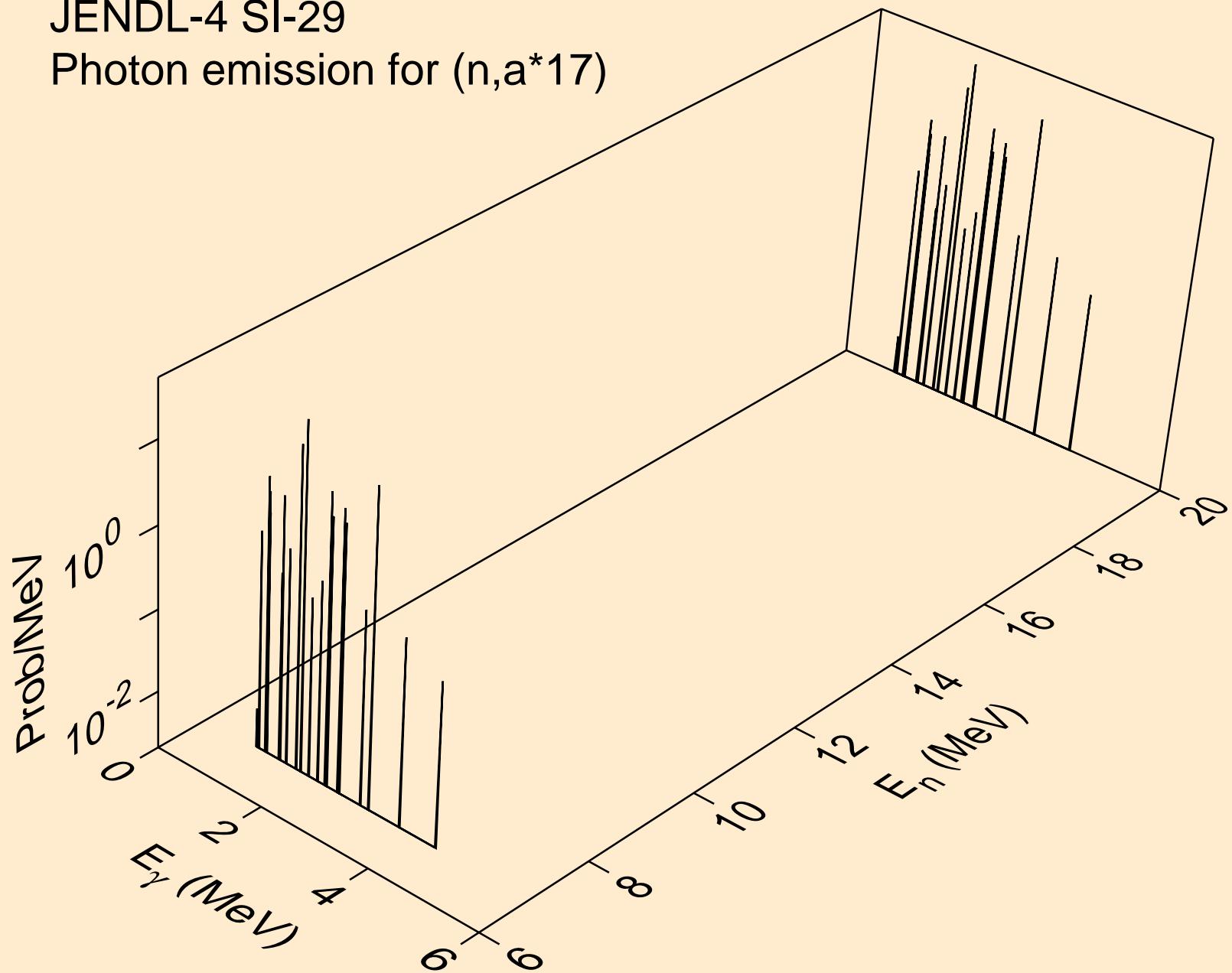
JENDL-4 SI-29  
Photon emission for  $(n,a^*15)$



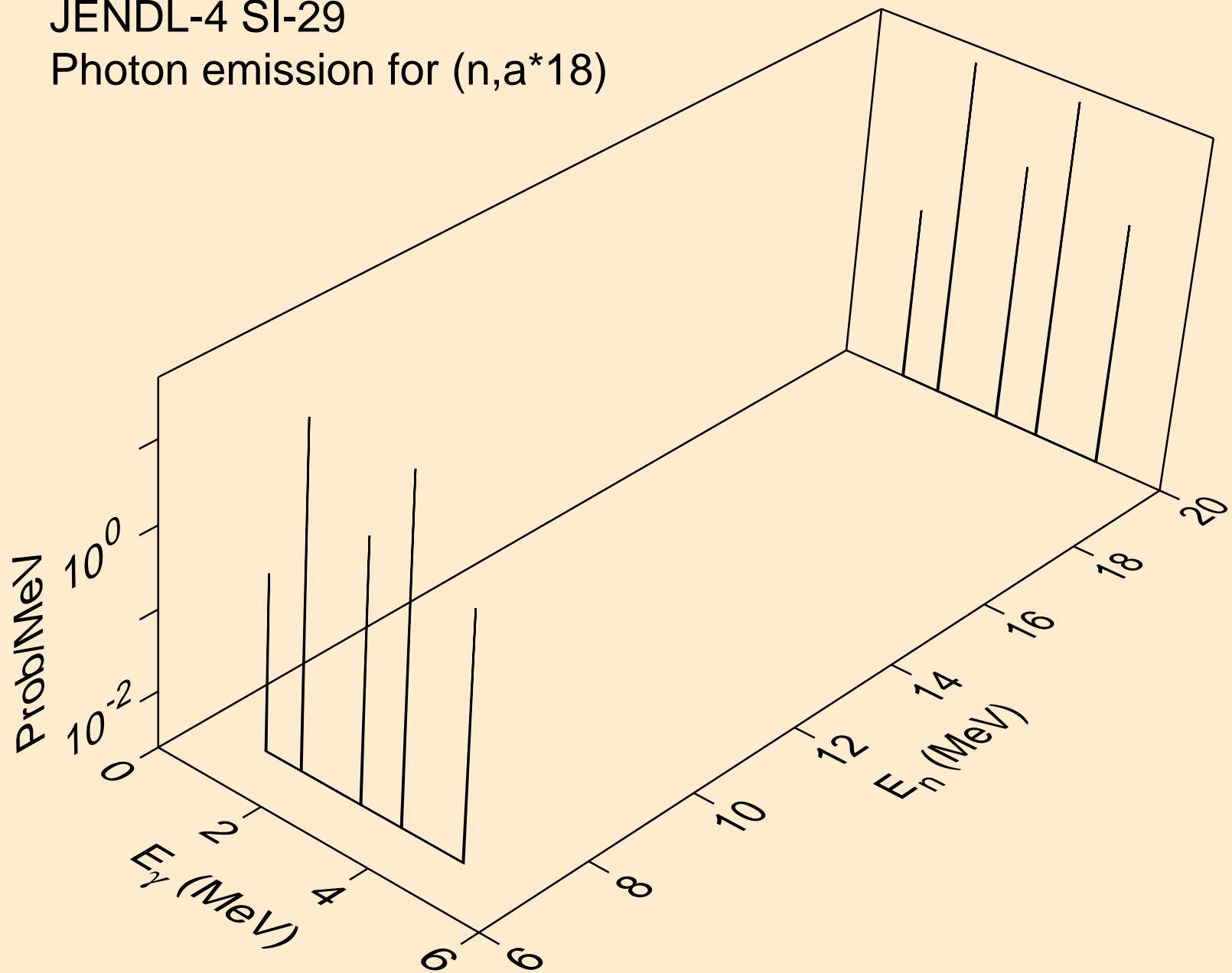
JENDL-4 SI-29  
Photon emission for  $(n,a^*16)$



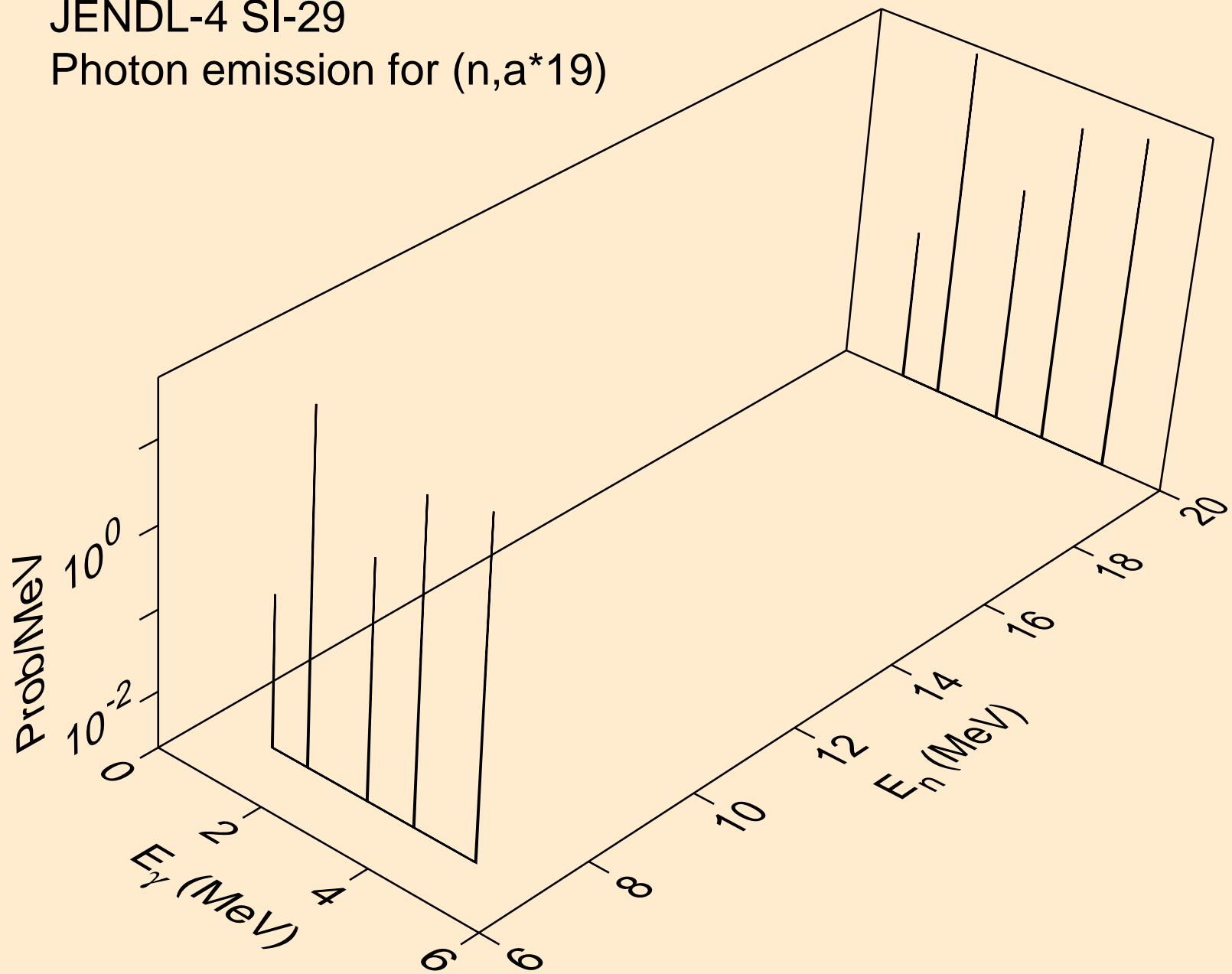
JENDL-4 SI-29  
Photon emission for  $(n,a^*17)$



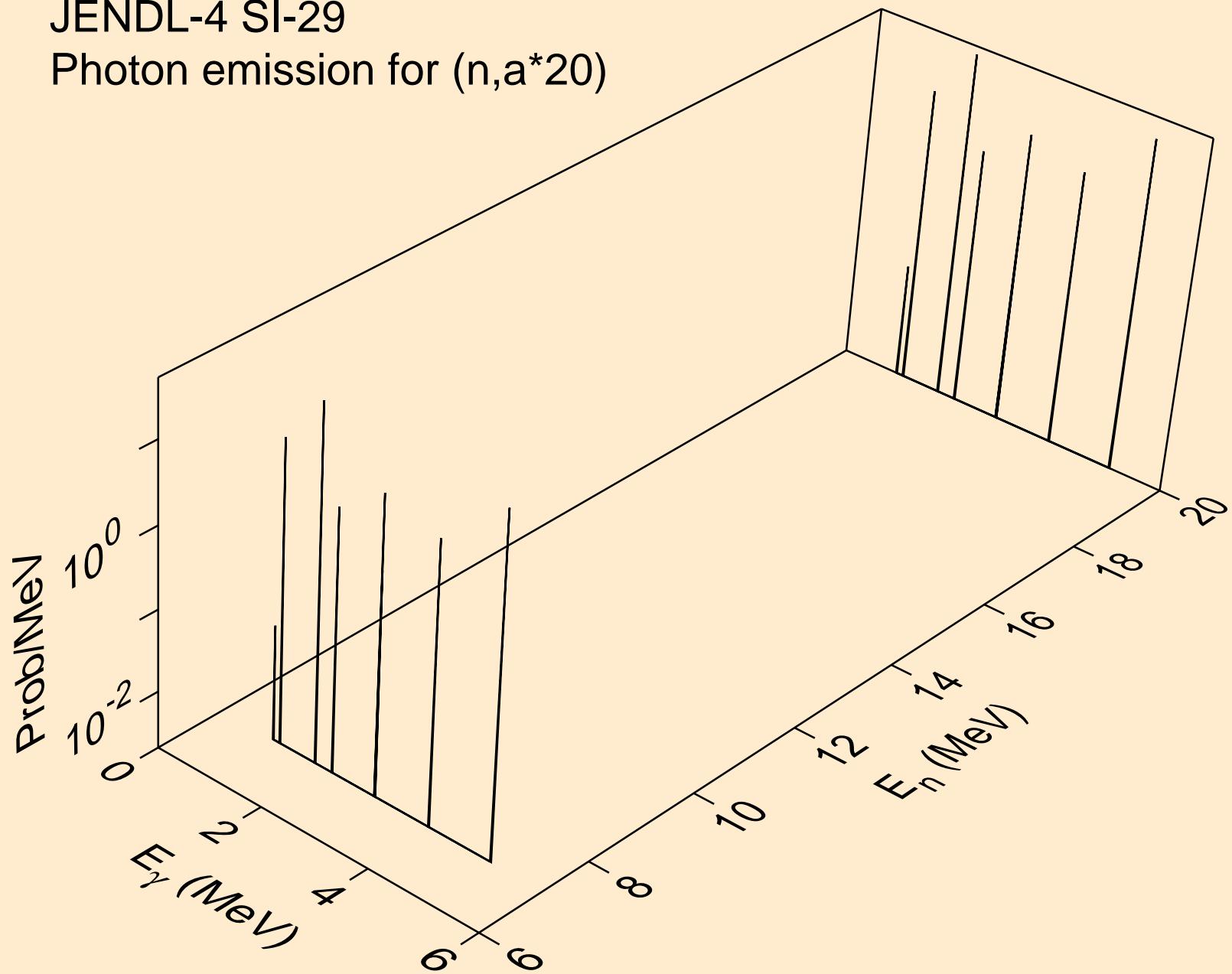
JENDL-4 SI-29  
Photon emission for  $(n,a^{*}18)$



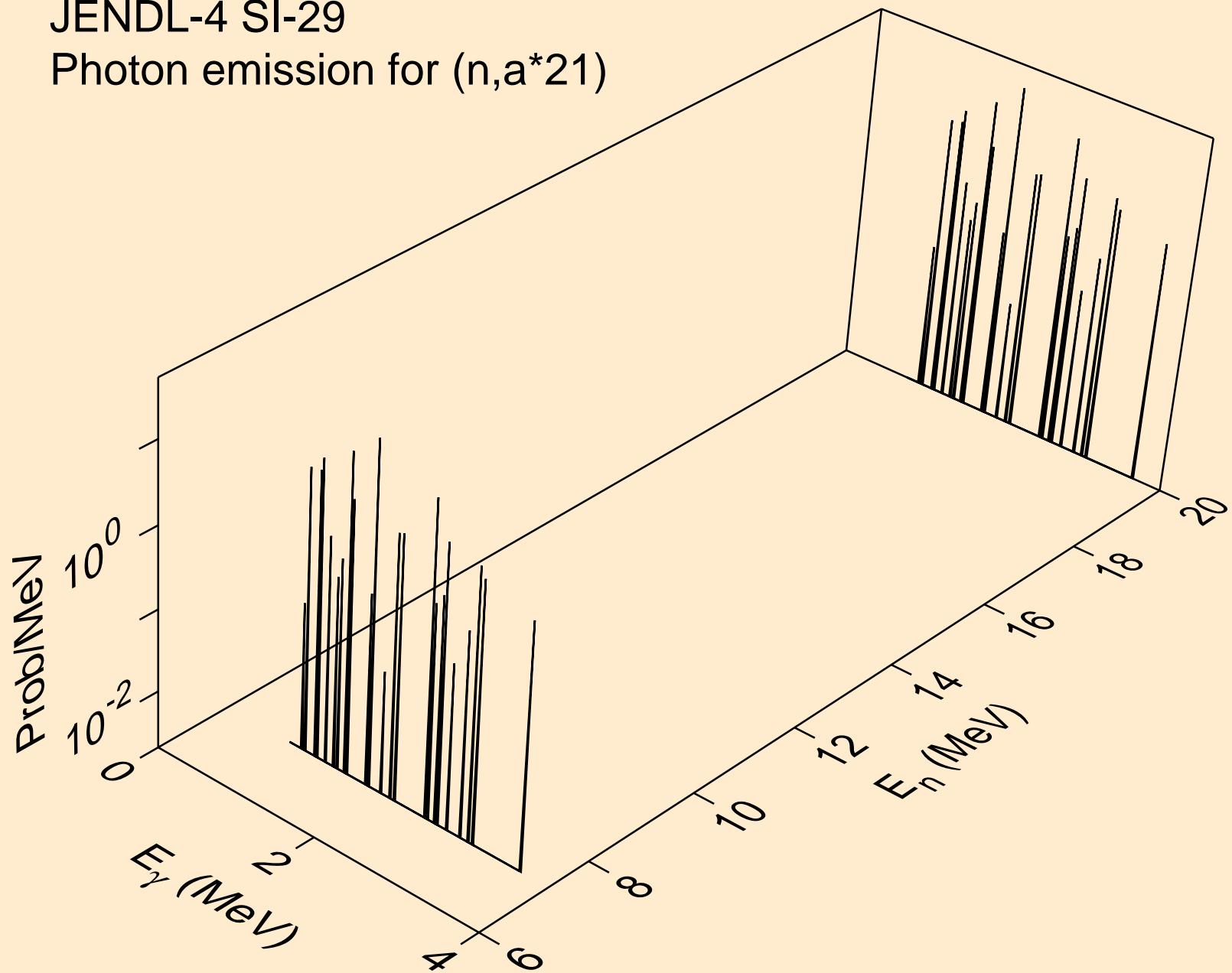
JENDL-4 SI-29  
Photon emission for  $(n,a^*19)$



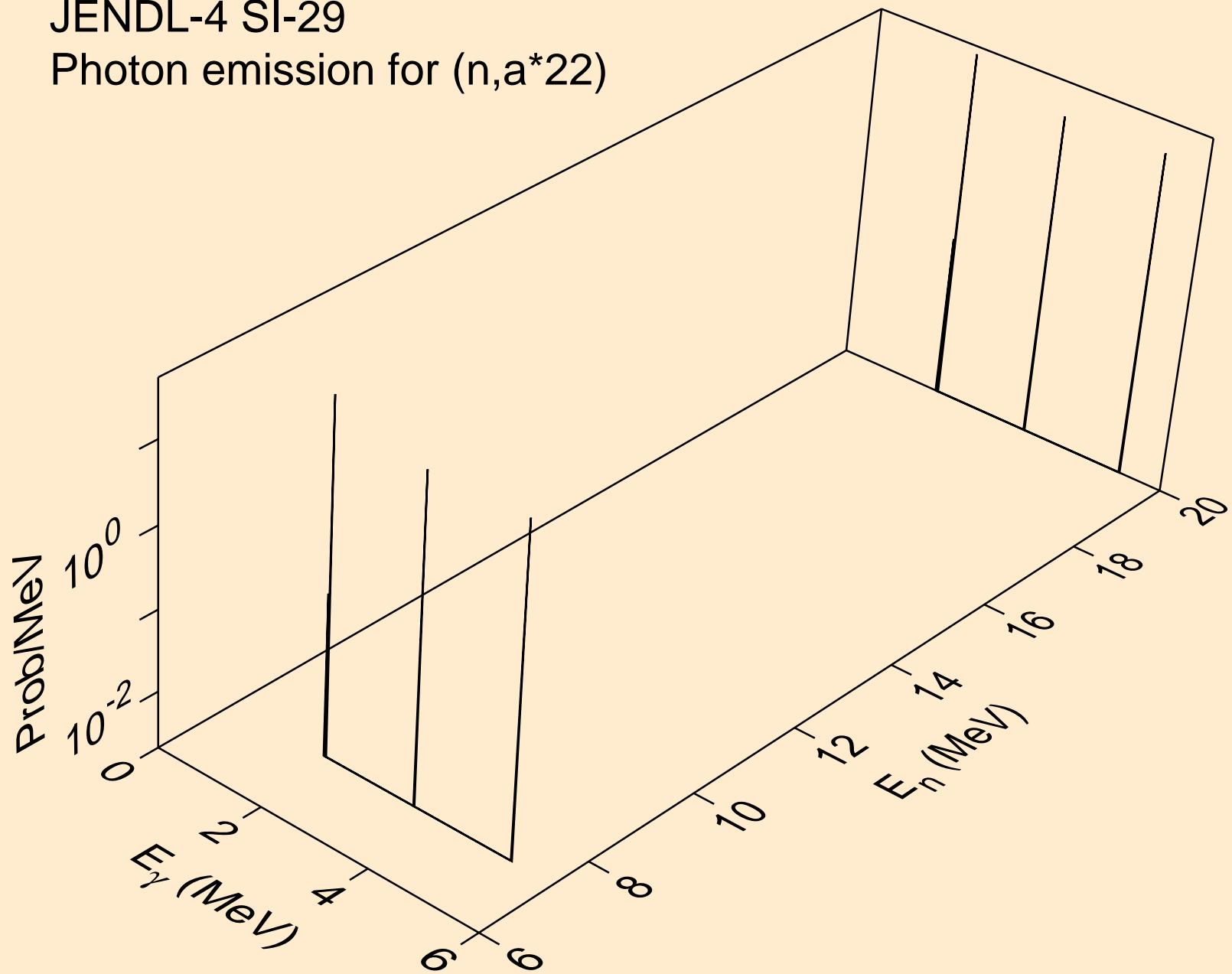
JENDL-4 SI-29  
Photon emission for  $(n,a^*20)$



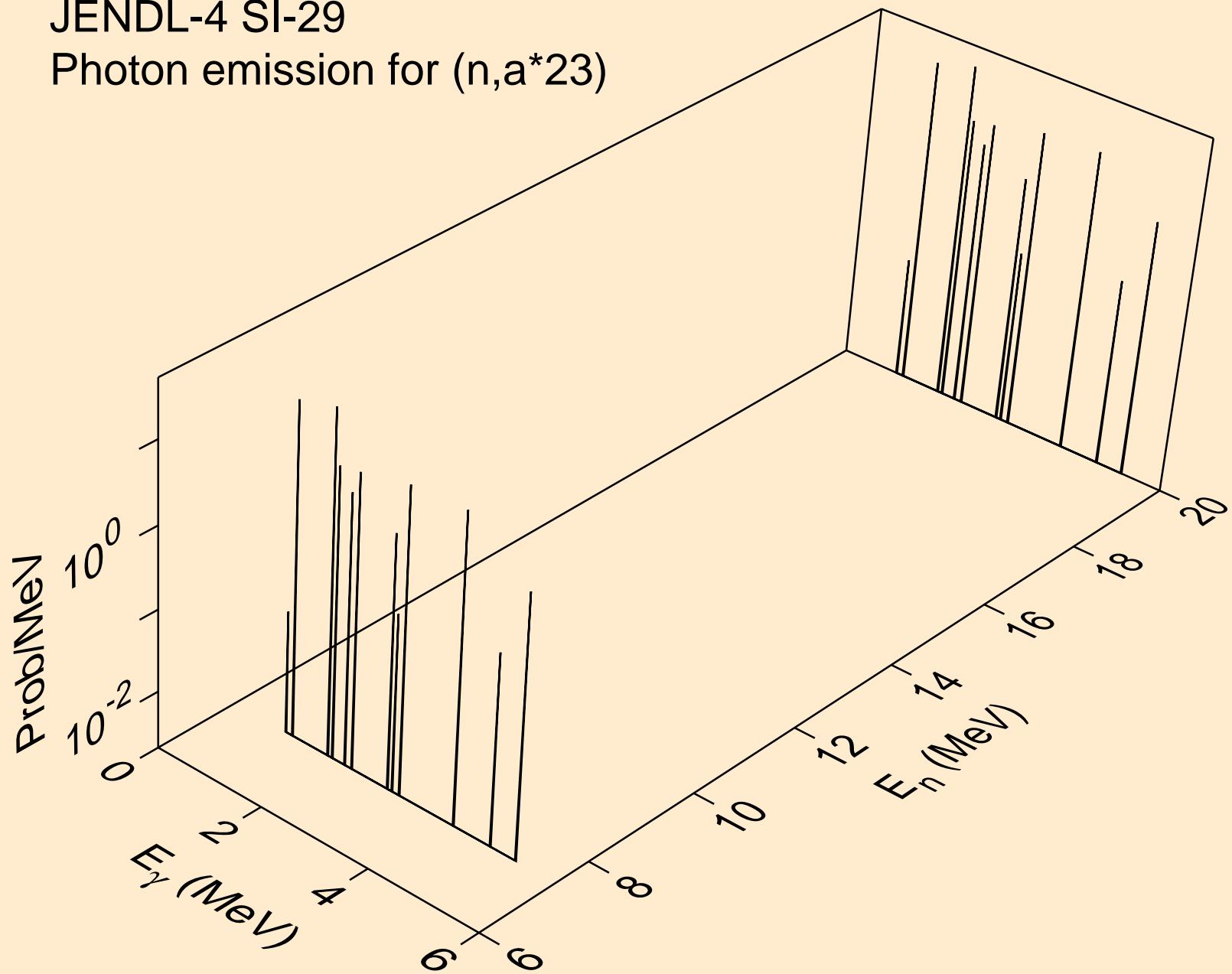
JENDL-4 SI-29  
Photon emission for  $(n,a^*21)$



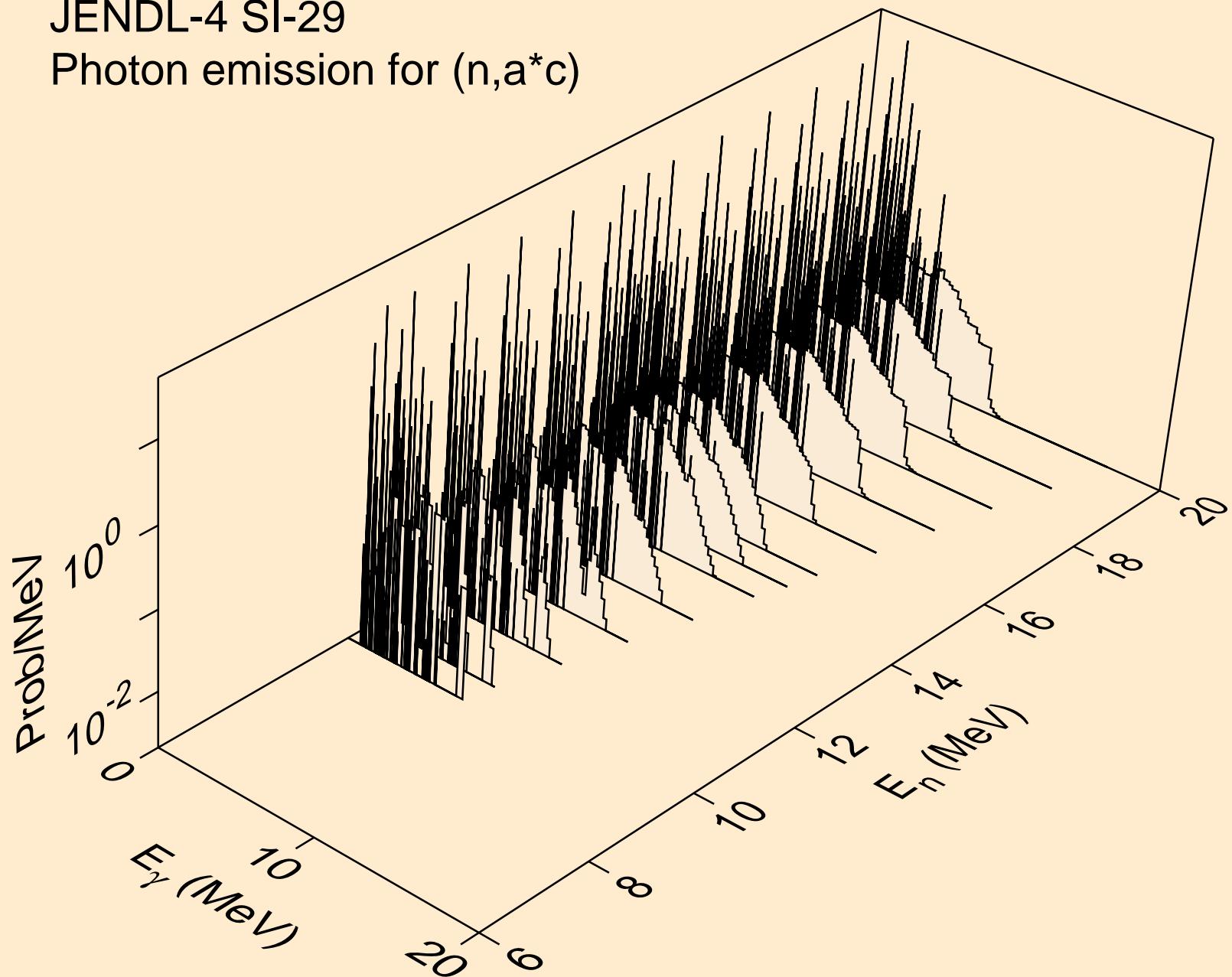
JENDL-4 SI-29  
Photon emission for  $(n,a^{*}22)$



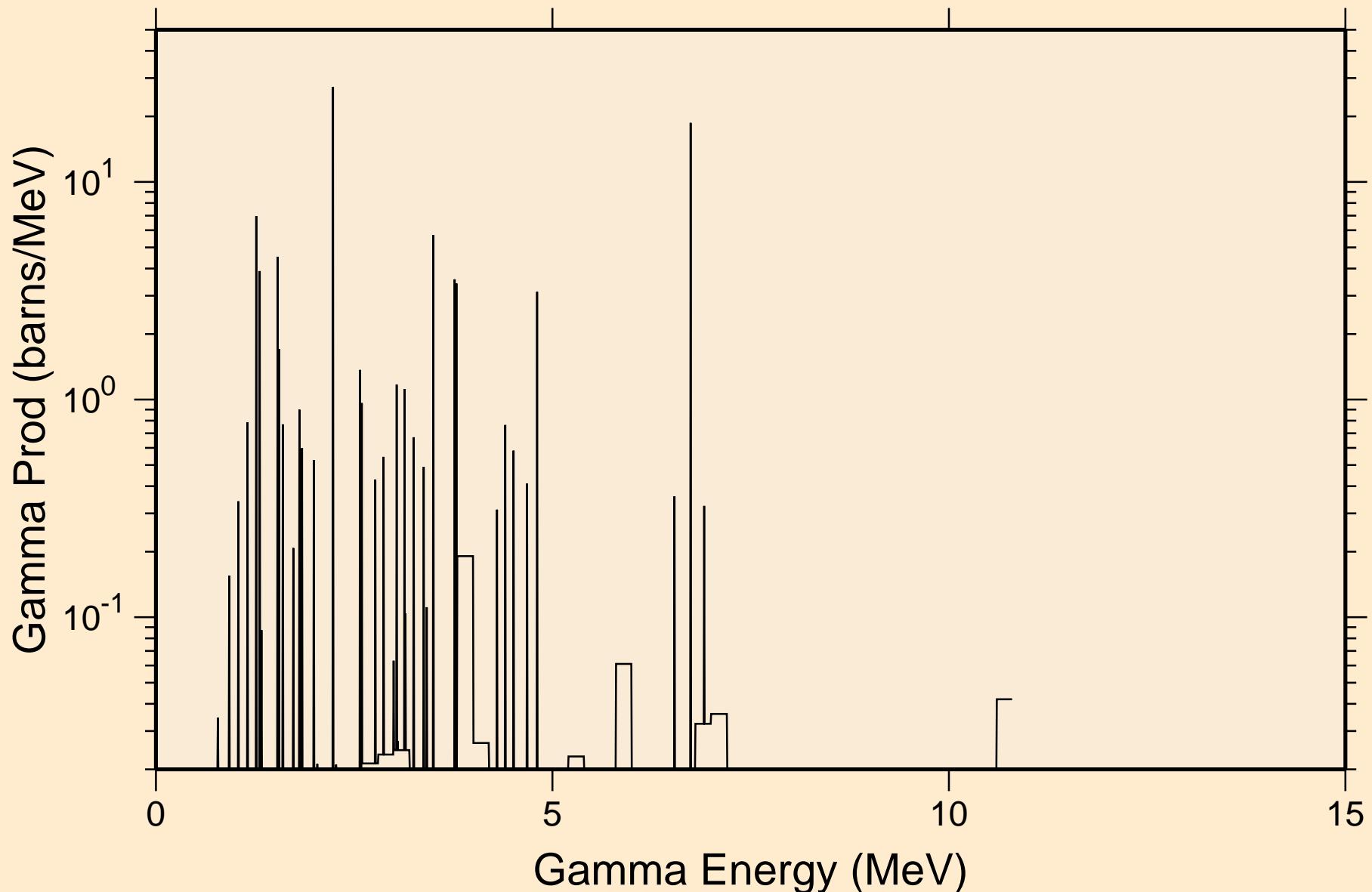
JENDL-4 SI-29  
Photon emission for  $(n,a^*23)$



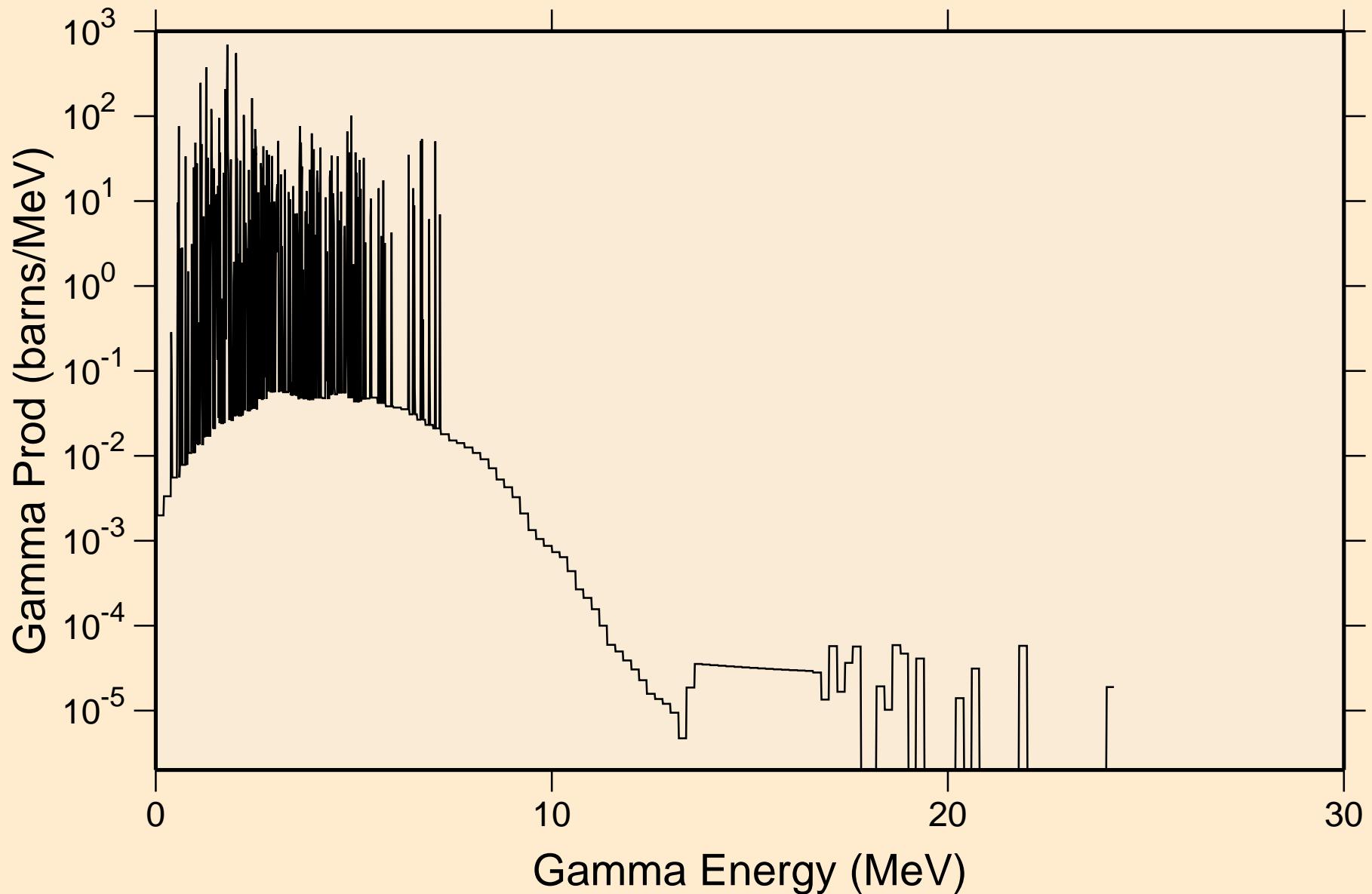
JENDL-4 SI-29  
Photon emission for  $(n, a^* c)$



JENDL-4 SI-29  
thermal capture photon spectrum

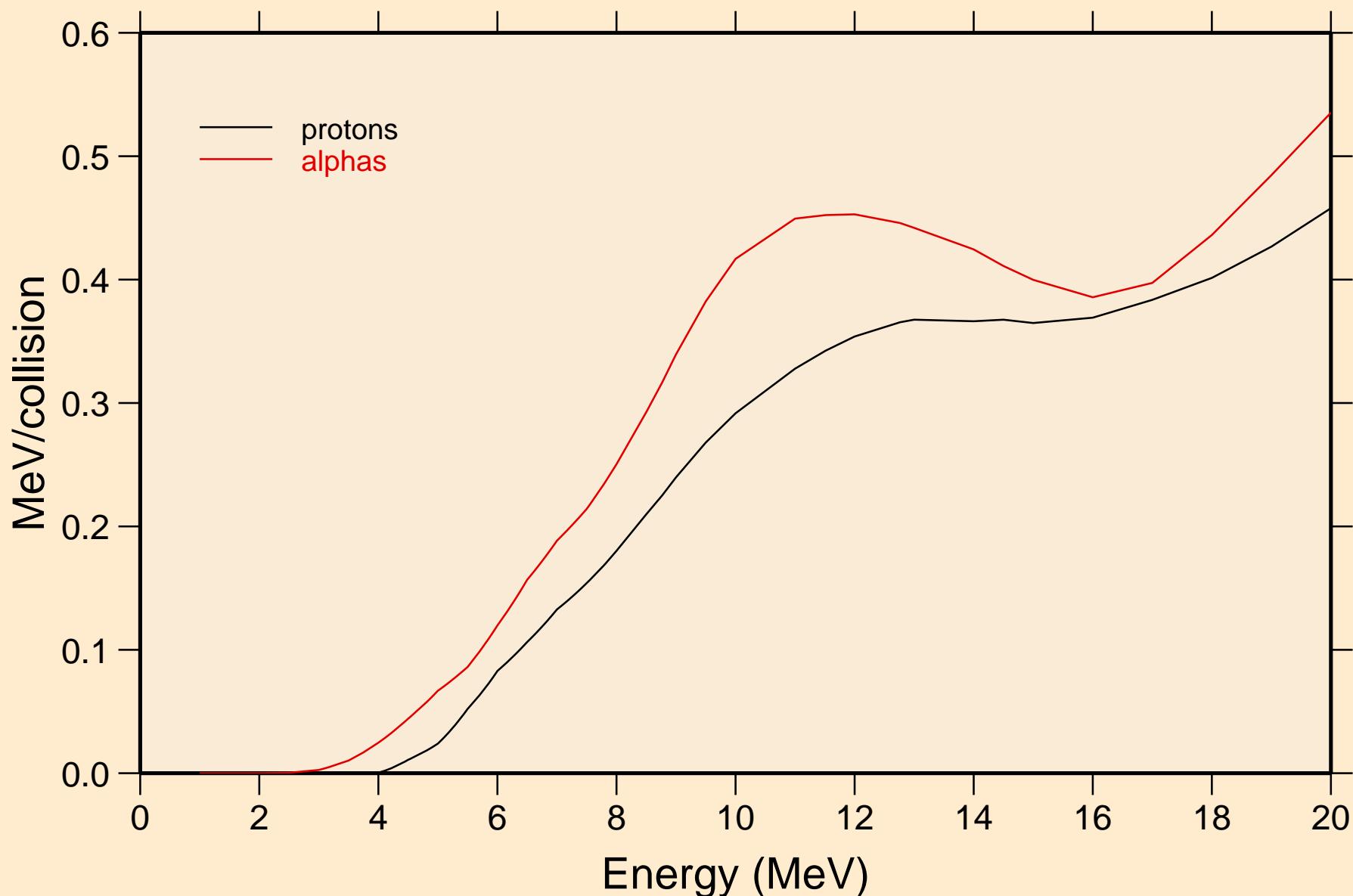


JENDL-4 SI-29  
14 MeV photon spectrum

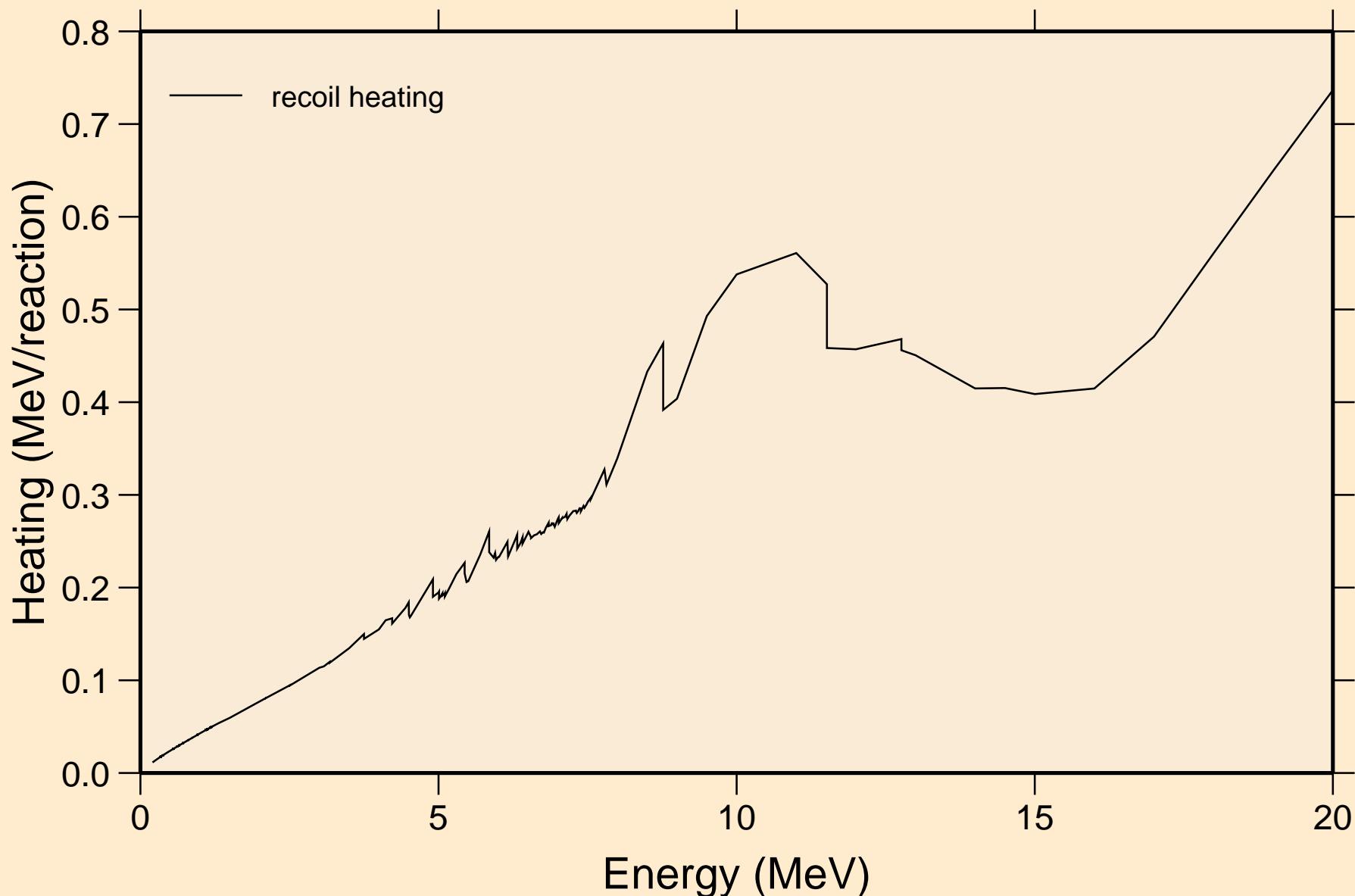


# JENDL-4 SI-29

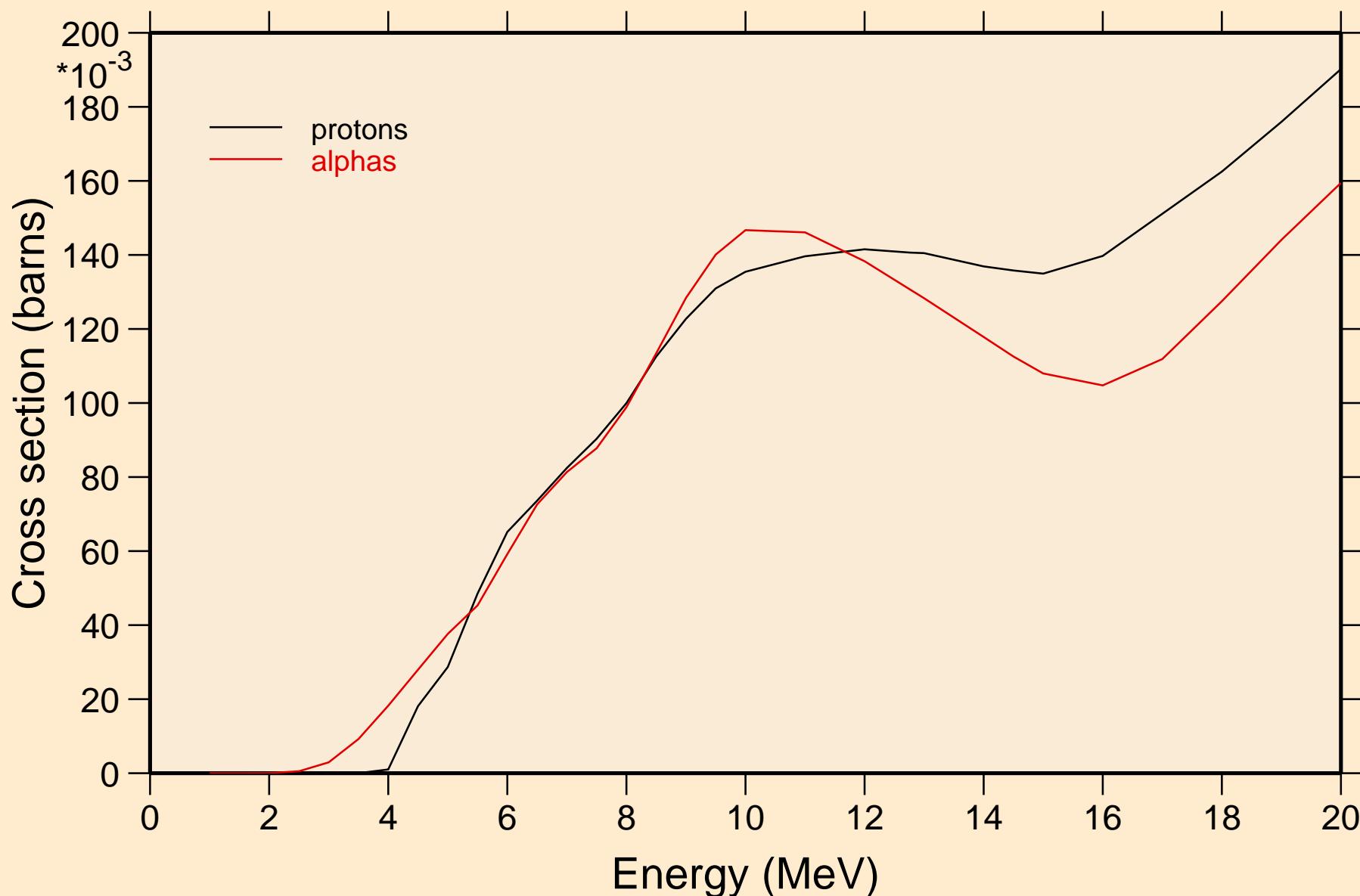
## Particle heating contributions



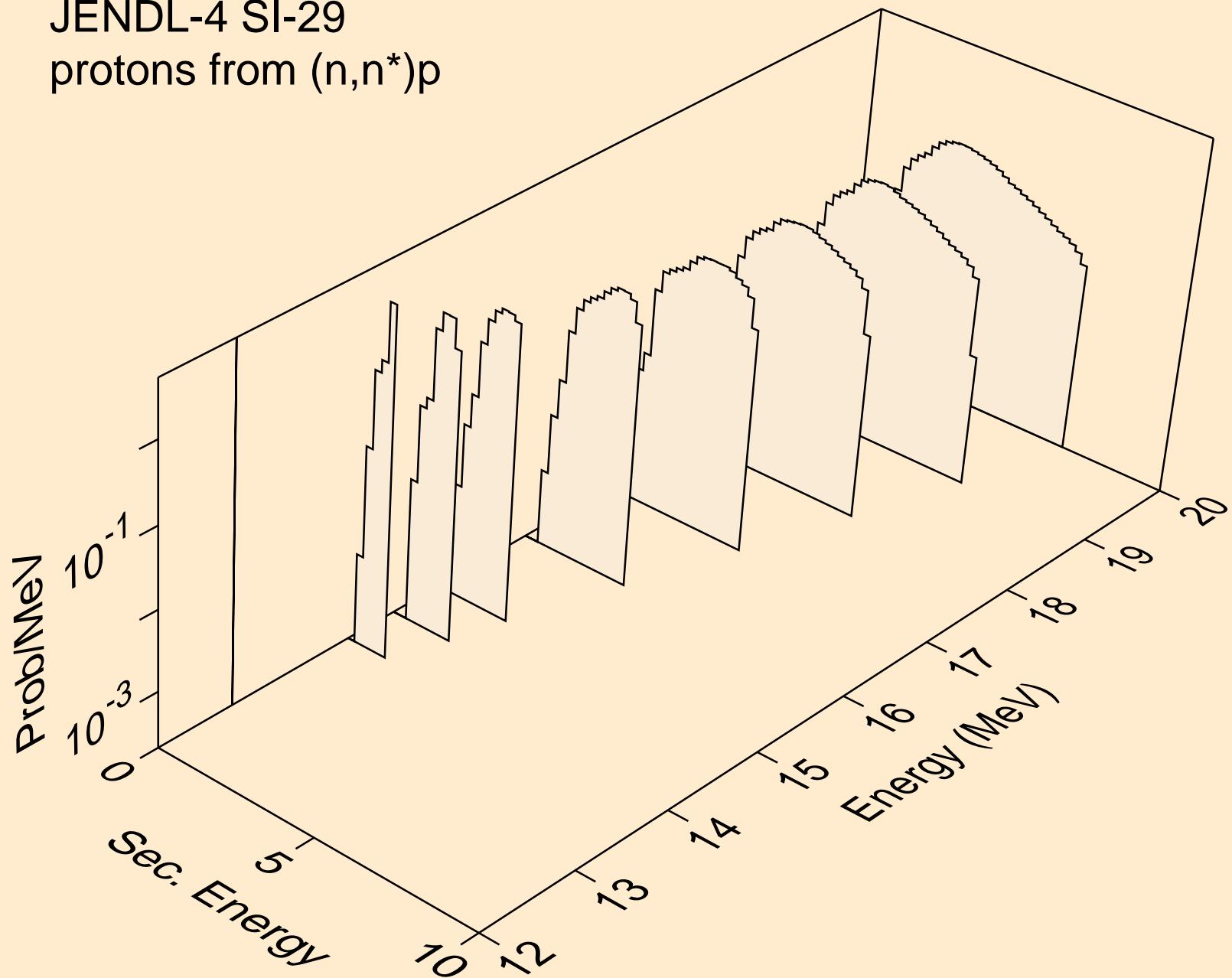
JENDL-4 SI-29  
Recoil Heating



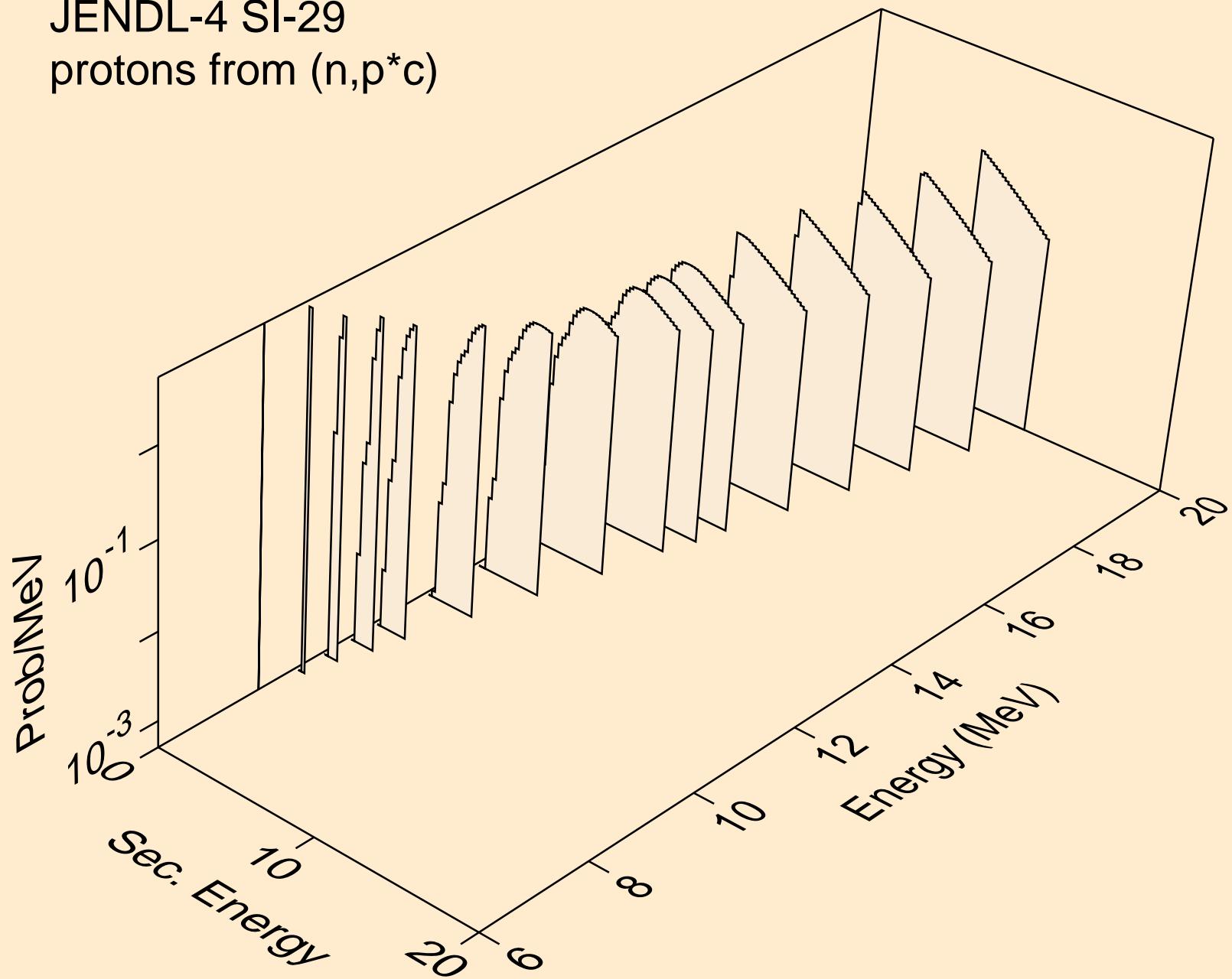
JENDL-4 SI-29  
Particle production cross sections



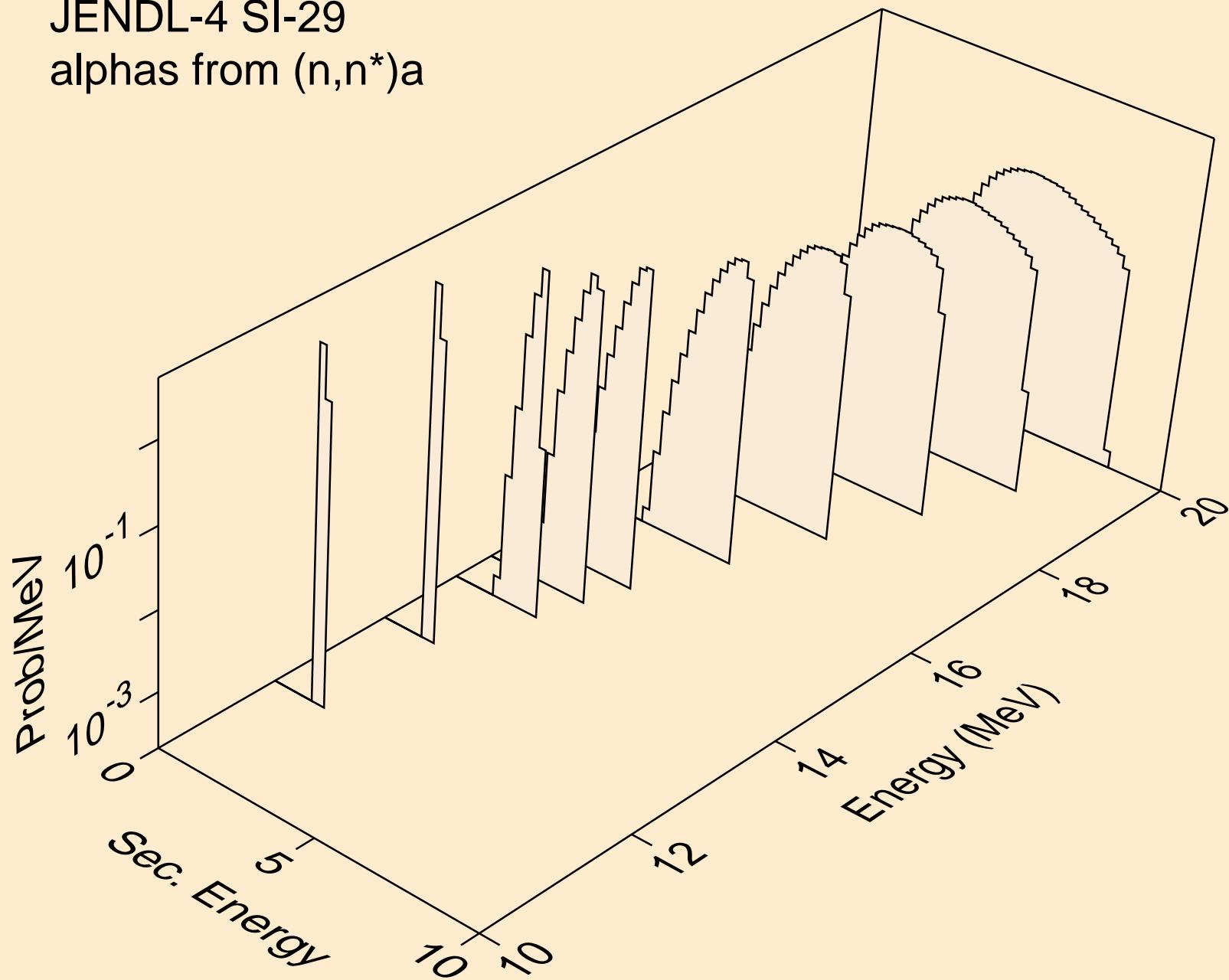
JENDL-4 SI-29  
protons from  $(n,n^*)p$



JENDL-4 SI-29  
protons from  $(n, p^*c)$



JENDL-4 SI-29  
alphas from  $(n,n^*)a$



JENDL-4 SI-29  
alphas from  $(n,a^*c)$

